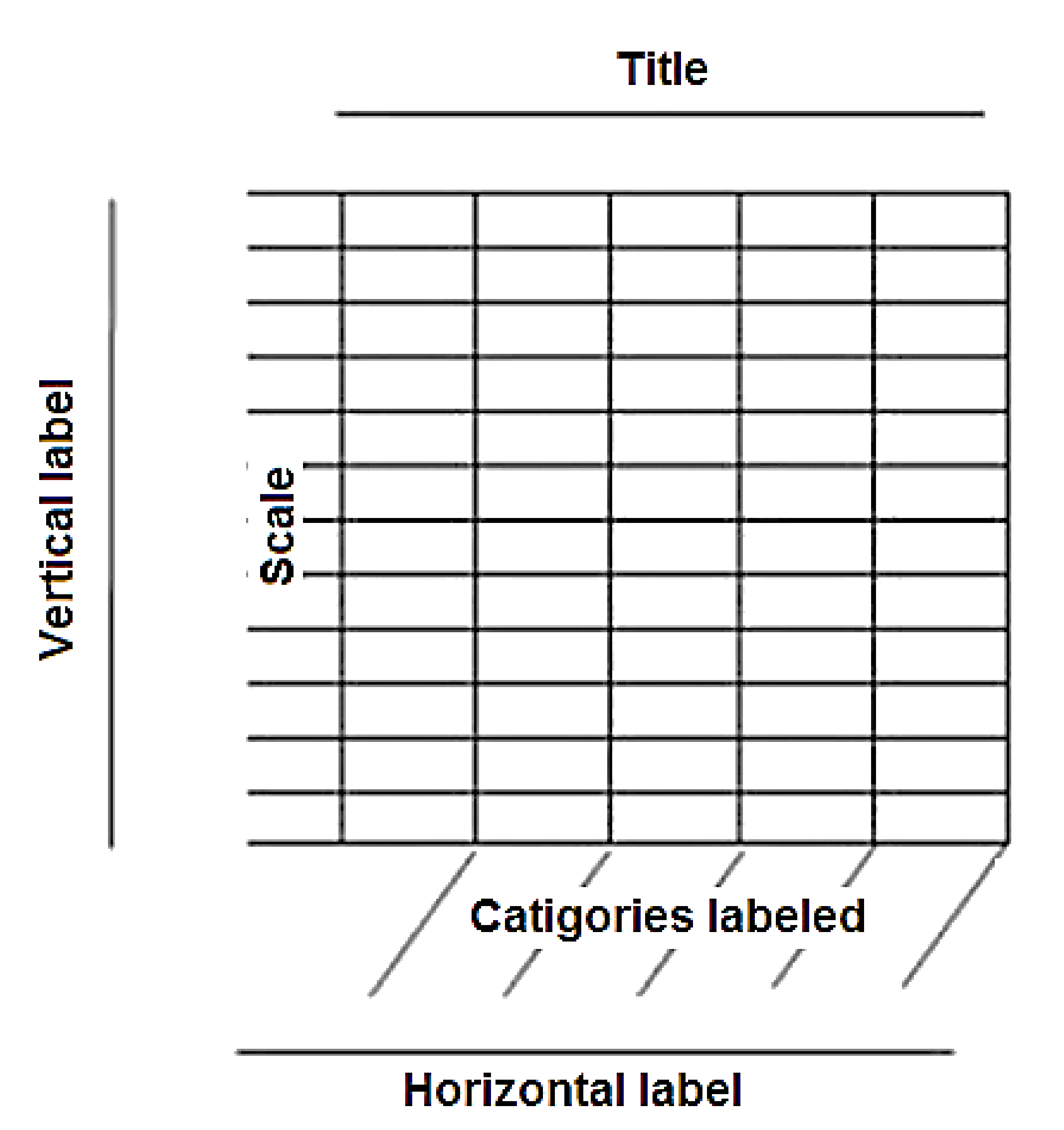
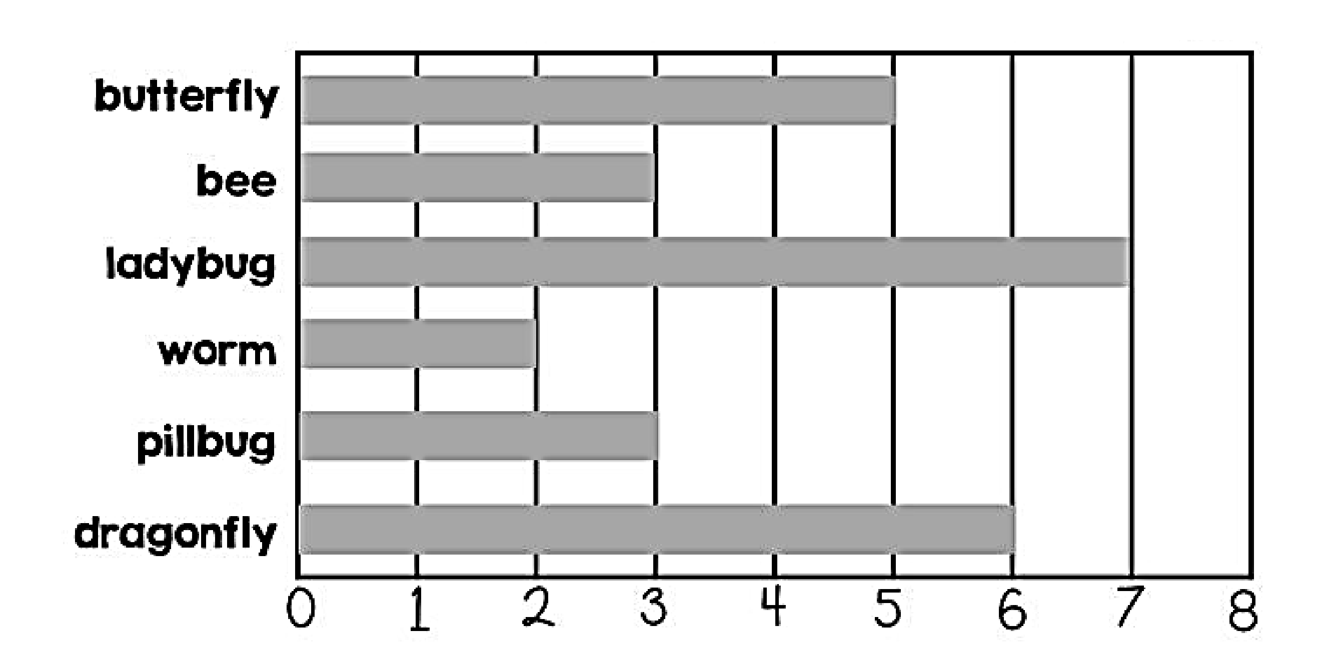
Statistics

Graph elements:

A) Bar graph :is a chart uses bars (or columns) to show amounts .



1- Read the graph , then answer the following questions:



1) Which insect did the class like best ?

……

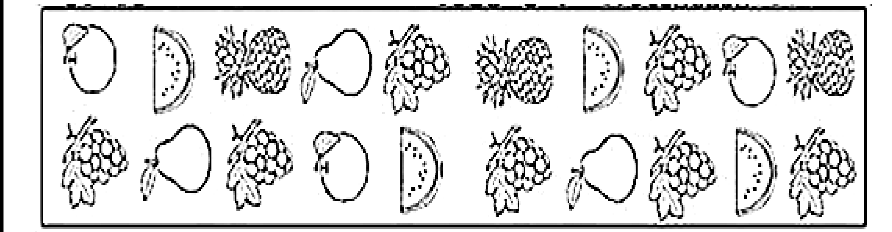
2) Which insect was the least favorite ?

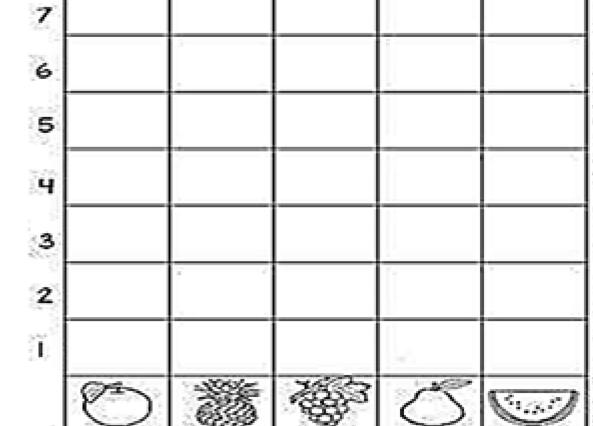
……

3) How many children liked billbugs and butterflies ?

……

2- Color :



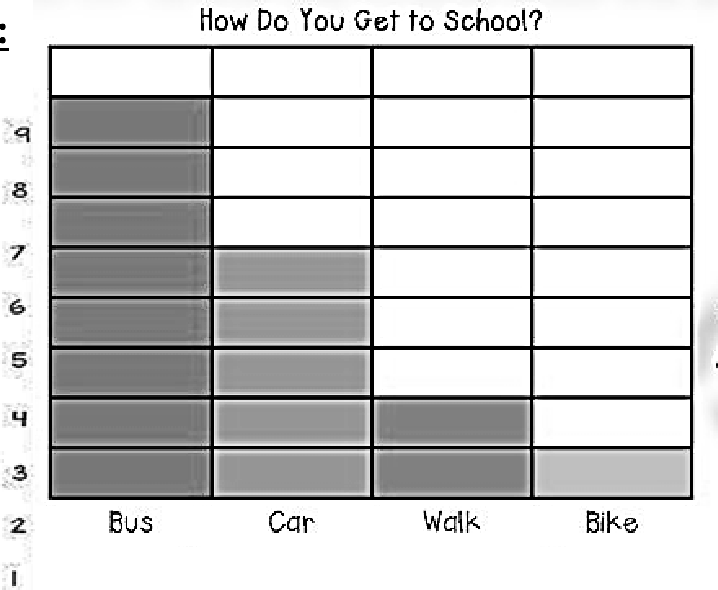


Choose : (< , > ,=)

The number of  **is ………the Number of** 

The number of  **is ………the Number of**

3- Look , then answer the question:

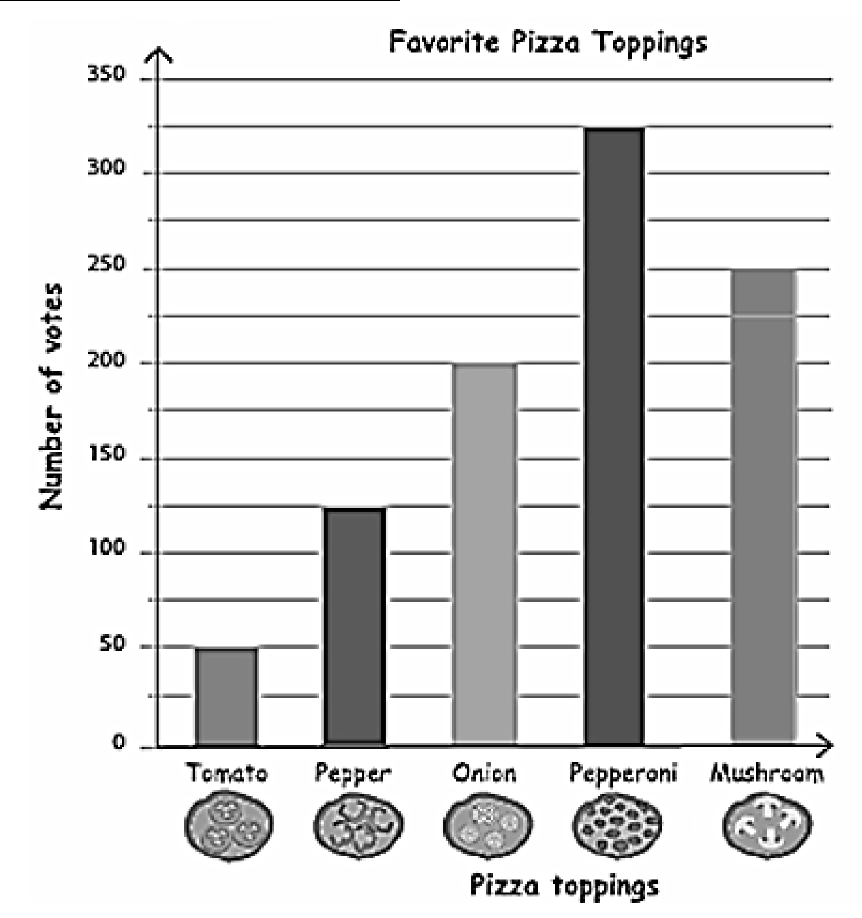


1) How do the least number of students get to school ? …………………………………
2) How do the most number of students get to school ? ………………………………
3) How many students are bus rider ? …………………………………………………………
4) What is the difference between the number of walkers and car rider ?

   ………

5) What is the total number of students on the graph ?...

Look , then answer the question:



Complete:

1) Which is the most popular topping?

……………………………………………………………………………………………………

2) How many costumers have chosen tomato and Mushroom ?

……………………………………………………………………………………………………

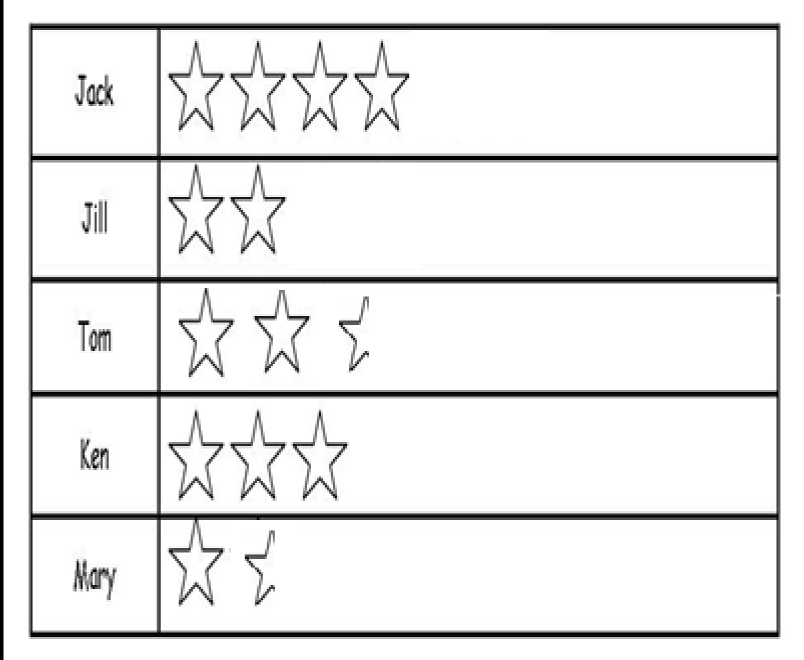
3) Arrange the topping in an ascending order :

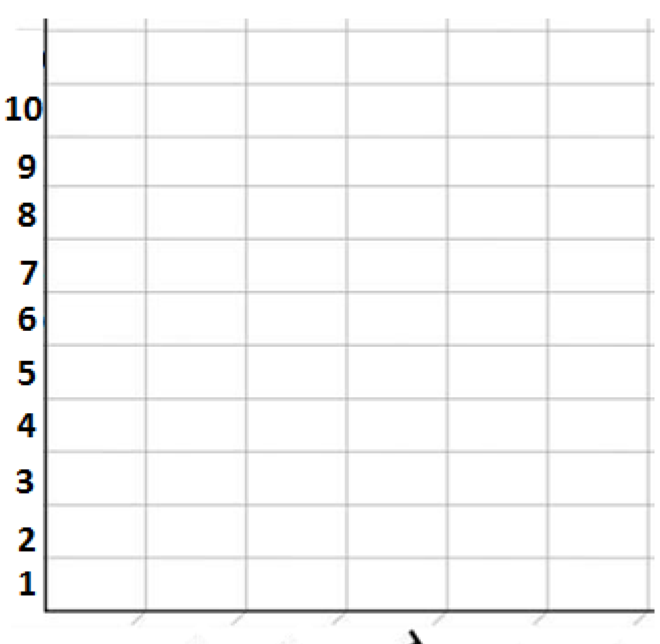
……………………… , ……………………… , …………………… , ……………………… , ……………………

B) A pictograph uses pictures to tell how many.

Shooting Stars Pictograph

Jack, Jill, Tom, Ken, and Mary counted shooting stars. The graph shows how many shooting stars each child saw. Use the graph to answer the questions below.





☆ = 2 ☆ = 1

1. How many shooting stars did Tom count? 1.____________

2. Who counted the most shooting stars? 2.____________

3. Which children counted the same amount of shooting stars ?

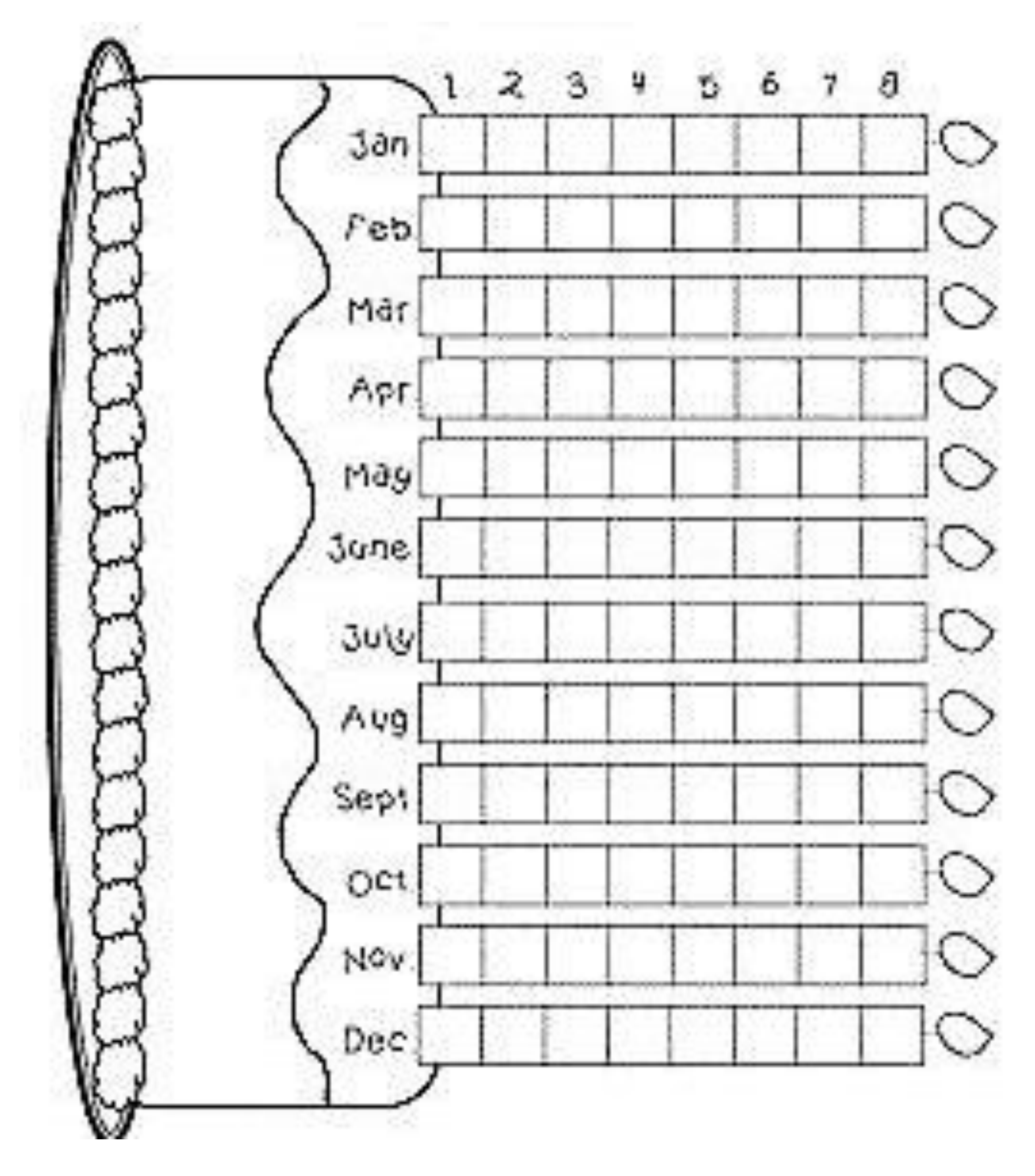
3. ____________________________________

4. How many less shooting stars did Mary count than Jack?

4. ____________________________________

Do with your teacher

Birthday Graph



Complete:

1) The number of students have a birthday in August are …………………

2) The most number of students have a birthday in ………………………

Double addition

1- Add :

\+ =

\+ =

\+ =

\+ =

\+ =

\+ =

\+ =

\+ =

\+ =

\+ =

2- Complete :

1 + 1 = ____ 2 + 2 = ____ 3 + 3 = ____

6 + 6 = ____ 7 + 7 = ____ 8 + 8 = ____

4 + 4 = ____ 1 + 1 = ____ 9 + 9 = ____

10 + 10 = ____ 5 + 5 = ____ 6 + 6 = ____

3 – Complete as the example :

The double of number 6 = 6 + 6 =12

a)The double of number 3 = ……………………….…….…

b) The double of number 9 = …………………………………

c) The double of number 12 = …………………………………..

d) The double of number 5 = …………………………………..

e) The double of number 11= …………………………………..

4- Complete as example :

Ex . 3 + 4 = 3 + 3 + 1 = 7

a) 3 + 4 =………. + …………. + …………… = ………………..

b) 5 + 6 =………. + ……….. + ……………. = …………………..

c) 8 + 9 = ……… + ………….. + …………… = …………………..

d) 6 + 7 =………. + ……………. + ………….. =…………………

e) 4 + 5 =……….. + …………. + …………. = ……………………

f) 2 + 3 = ……… + …………… + …………. =……………………..

g) 7 + 8 =………. + ……….. + ………………. =…..................

10 more & 10 less

1- **Complete:**

35	45	55
	82	
	47	
	29	
	56	
	60	

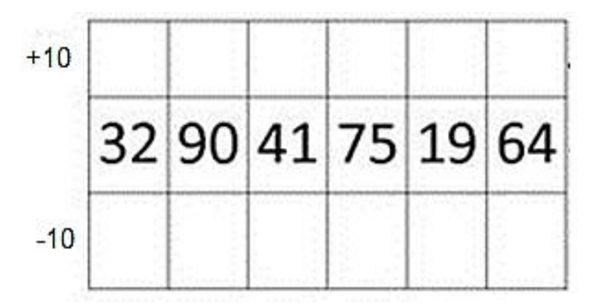
-10		+10
	31	
	83	
	72	
	47	
	28	
	10	

3- **Complete:**

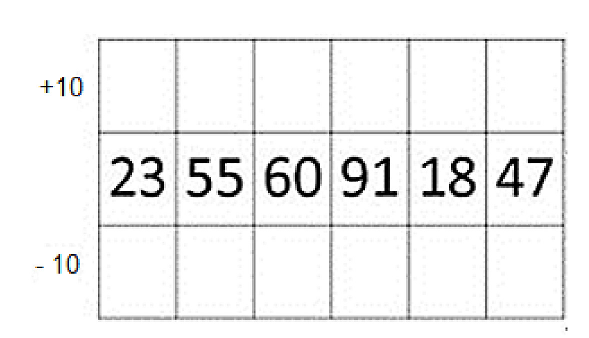
10 Less		10 More
	20	
	52	
	11	
	36	

10 Less		10 More
	84	
	67	
	70	
	45	

4- **Complete:**



+10						
	32	90	41	75	19	64
-10						



+10						
	23	55	60	91	18	47
- 10						

5- Complete:

43 + 10 = ... 20 – 10 = ... 24 + 10 = ...

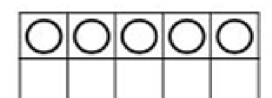
25 - 10 = ... 46 + 10 = ... 76 - 10 = ...

6 + 10 = ... 29 - 10 = ... 38 + 10 = ...

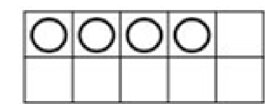
19 - 10 = ... 87 + 10 = ... 19 - 10 = ...

Components of 10

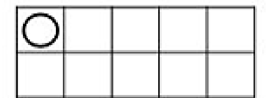
1- Find the missing :



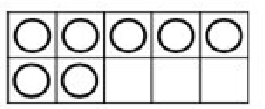
5 + _____ = 10



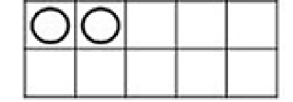
4 + _____ = 10



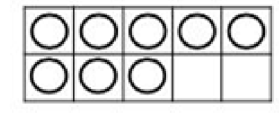
1 + _____ = 10



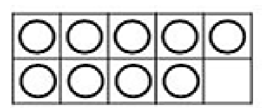
7 + _____ = 10



2 + _____ = 10



8 + _____ = 10



9 + _____ = 10

2- Complete:

1 +		= 10
2 +		= 10
3 +		= 10
4 +		= 10
5 +		= 10

6 +		= 10
7 +		= 10
8 +		= 10
9 +		= 10
10 +		= 10

3- **Complete as example :**

7 + 4 = 7 + 3 = 10 and 10 + 1 = 11

(3) (1)

a) 7 + 6 = ………. + ………. = ………. And ………..+ ……….=………

b) 6 + 5 = ………. + ………. = ………. And ………..+ ……….=………

c) 8 + 3 = ………. + ………. = ………. And ………..+ ……….=………

d) 9 + 6 = ………. + ………. = ………. And ………..+ ……….=………

e) 7 + 5 = ………. + ………. = ………. And ………..+ ……….=………

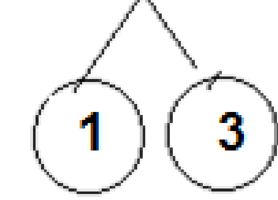
f) 8 + 4 = ………. + ………. = ………. And ………..+ ……….=………

g) 9 + 5 = ………. + ………. = ………. And ………..+ ……….=………

h) 8 + 7 = ………. + ………. = ………. And ………..+ ……….=………

4- Complete as example :

11 - 4 = 11 - 1 = 10 - 3 = 7



a) 17 – 8 = ………. - …………… =……….. and ……….. - ………..=……

b) 18 – 9 = ………. - …………… =……….. and ……….. - ………..=……

c) 15 – 8 = ………. - …………… =……….. and ……….. - ………..=……

d) 14 – 7 = ………. - …………… =……….. and ……….. - ………..=……

e) 13 – 6 = ………. - …………… =……….. and ……….. - ………..=……

f) 12 – 5 = ………. - …………… =……….. and ……….. - ………..=……

g) 11 – 3 = ………. - …………… =……….. and ……….. - ………..=……

h) 15 – 7 = ………. - …………… =……….. and ……….. - ………..=……

i) 17 – 9 = ………. - …………… =……….. and ……….. - ………..=……

5- Choose the correct answer :

a) 10 + ... = 15 (3 , 5 , 8)

b) 7 + ... = 14 (10 , 7 , 9)

c) .... + 16 = 19 (2 , 3 , 4)

d) 13 - .... = 5 (7 , 8 , 9)

e) 15 - ....= 9 (6 , 7 , 10)

f) 12 - .... = 2 (6 , 8 , 10)

6- Complete :

a) 15 + ... = 18

b) 11 - .... = 4

c) ....+ 8 = 15

d) .... + 4 = 13

20 - .... = 11

Hundreds

The greatest number in 2 digits is 99

The number after 99 is  is read ***One hundred***

1- Complete:

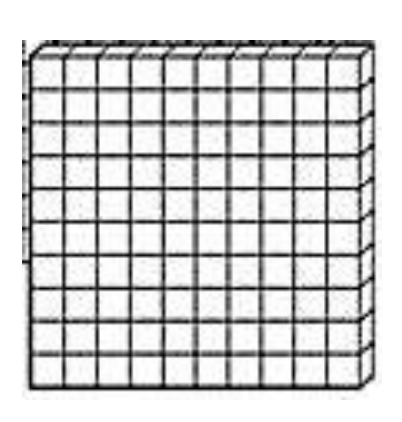
a)200 is read as .... b)900 is read as ....

c)500 is read as .... d) 400 is read as ....

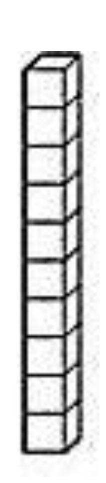
2- **<u>Complete:</u>**

a)Three hundreds = ……………. b) seven hundreds = ……………….

c)Nine hundreds = …………………. d) Six hundreds = ………………..



Hundreds

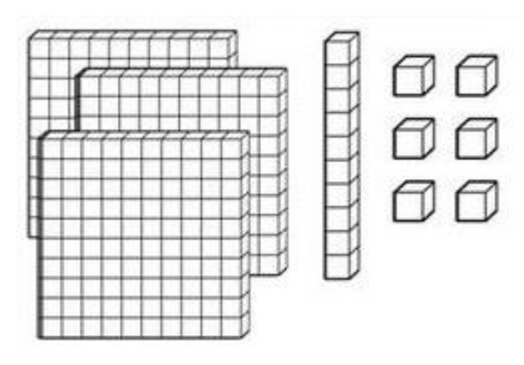


Tens



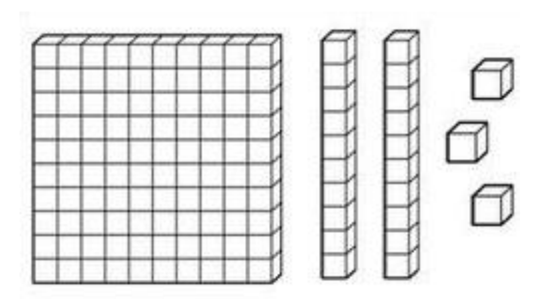
Ones

3- **<u>Complete:</u>**



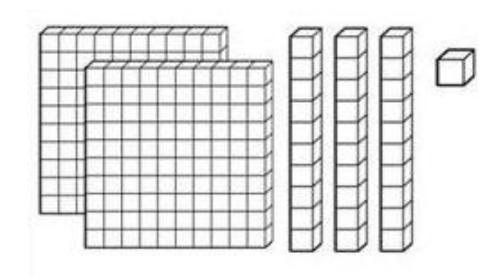
Hundreds	Tens	Ones
3	1	6

316



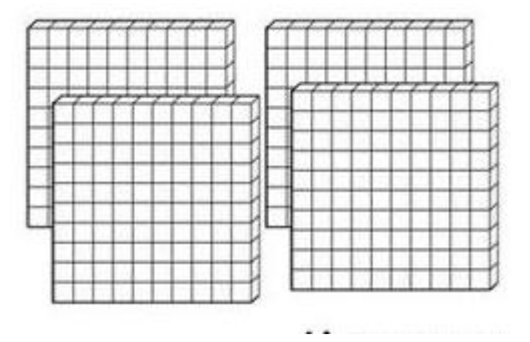
Hundreds	Tens	Ones

…………………………………



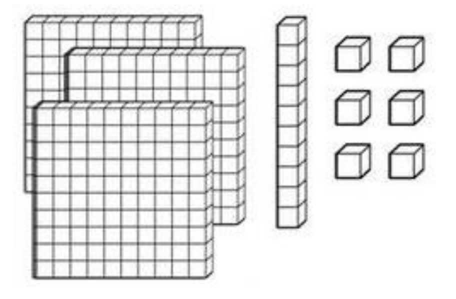
Hundreds	Tens	Ones

…………………………………………………



Hundreds	Tens	Ones

…………………………………………



Hundreds	Tens	Ones

………………………………………..

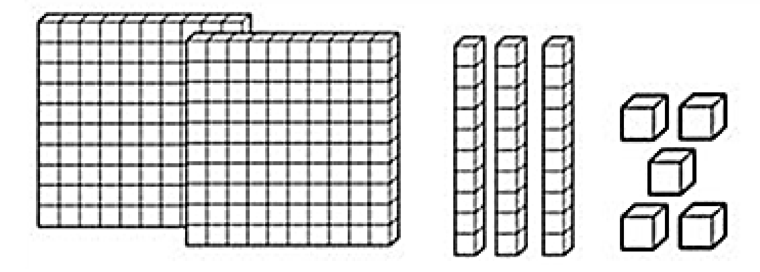
Hundreds	Tens	Ones

………………………………………………



4- Complete:

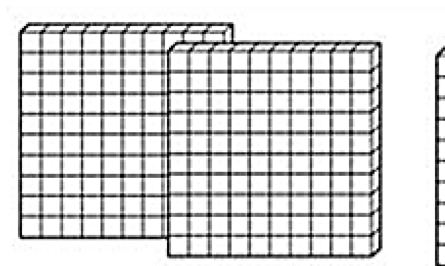
a)

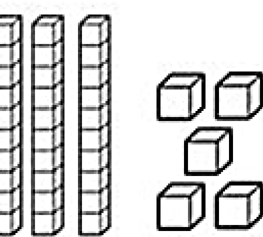


Hundreds	Tens	Ones

____

b)

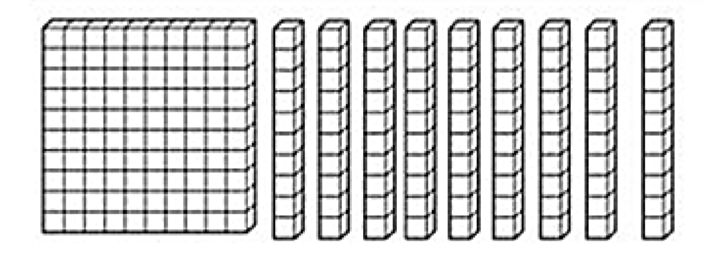




Hundreds	Tens	Ones

____

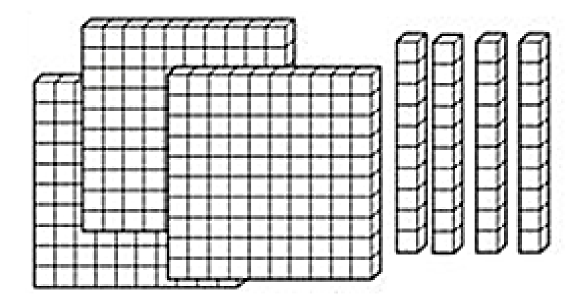
c)

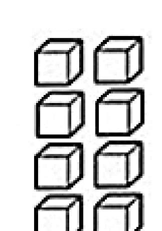


Hundreds	Tens	Ones

____

d)





Hundreds	Tens	Ones

____

1- **Complete the table :**

Number	10 less	10 more	100 less	100 more
438				
176				
682				
831				
257				
745				
339				

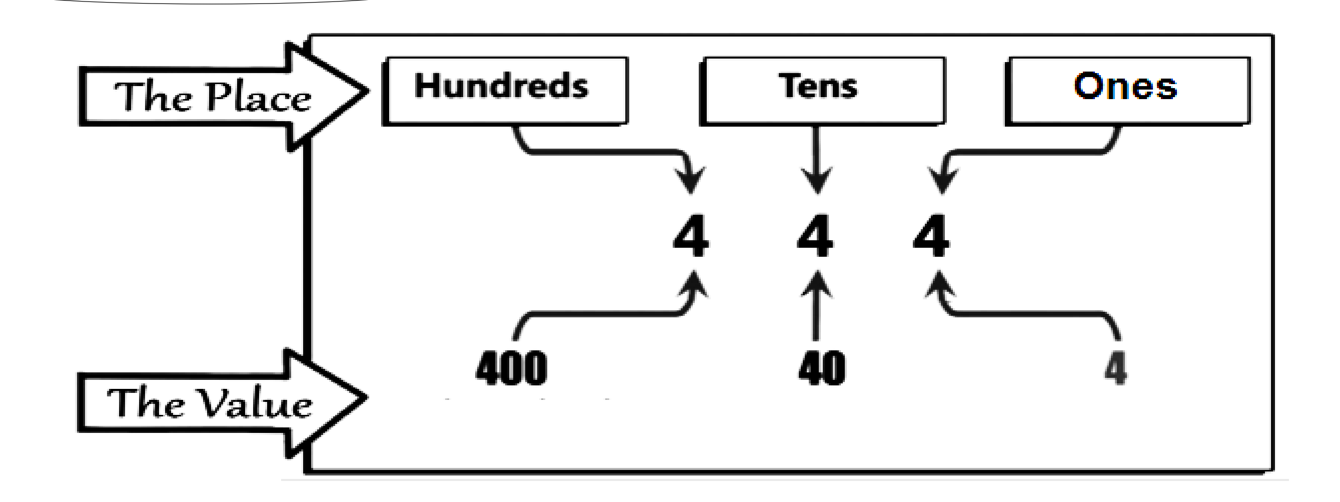
Value & Place value

<u>The place value</u> : is the home of the number

Ask your self where does the digit live ?

<u>The value</u> : is how many zerosv that the number takes

Ask your self : How much is the digit worth ?



<u>First</u>: word Form **1- <u>Complete:</u>**

<u>Example:</u> 346 = <u>**3**</u> Hundreds , <u>**4**</u> Tens , <u>**6**</u> Ones.

a) 978 = ………………. Hundreds , ………….. Tens , ……….. Ones.

b) 234 = ………………. Hundreds , ………….. Tens , ……….. Ones.

c) 660 = ………………. Hundreds , ………….. Tens , ……….. Ones.

d) 123 = ………………. Hundreds , ………….. Tens , ……….. Ones.

e) 564 = …………….Tens , …………….Hundreds ,……………. Ones.

f) 564 = …………….Tens , ……………. Ones , …………….Hundreds.

1- **Complete:**

a) ……………………… = 6 Hundreds , 4 Tens , 3 Ones.

b) ……………………… = 9 Hundreds , 0 Tens , 2 Ones.

c) ……………………… = 4 Hundreds , 1 Tens , 6 Ones.

d) ……………………… = 8 Hundreds , 3 Tens , 6 Ones.

e) ……………………… = 6 Hundreds , 8 Tens , 8 Ones.

f) …………………… = 5Tens , 3 Hundreds , 1 Ones.

g) …………………… = 2 Ones , 0 Tens , 9 Hundreds .

Second : Expanded Form

537 = 500 + 30 + 7

1- **Complete**:

a) 456 = ……………. + ………………….. + …………………..

b) 204= ……………. + ………………….. + …………………..

c) 516 = ……………. + ………………….. + …………………..

d) 697= 7 + ………………….. + …………………..

e) 712= ……………. + 700 + …………………..

f) 963 = ……….+ 60 + …………

2- Complete:

a) …………………… = 500 + 30 + 2

b) …………………….= 100 + 40 + 8

c) …………………… = 900 + 90 + 9

d) …………………….= 600 + 4

e) …………………….= 2 + 10 + 700

3- Underline the suitable number:

a) **4 hundreds and 3 tens** → (430 , 403 , 34)

b) **7 hundreds and 2 tens** → (702 , 720 , 207)

c) **5 hundreds and 4 ones** → (540 , 405 , 504)

4-**Complete:**

a) The value of 5 in425 is …………………………..

b) The value of 7 in789 is …………………………..

c) The value of 6 in260 is …………………………..

d) The value of 3 in503 is …………………………..

5- <u>Write the *place value* of 4 in each of the following numbers:</u>

a)425 : ……………………………..   b) 347: …………………………

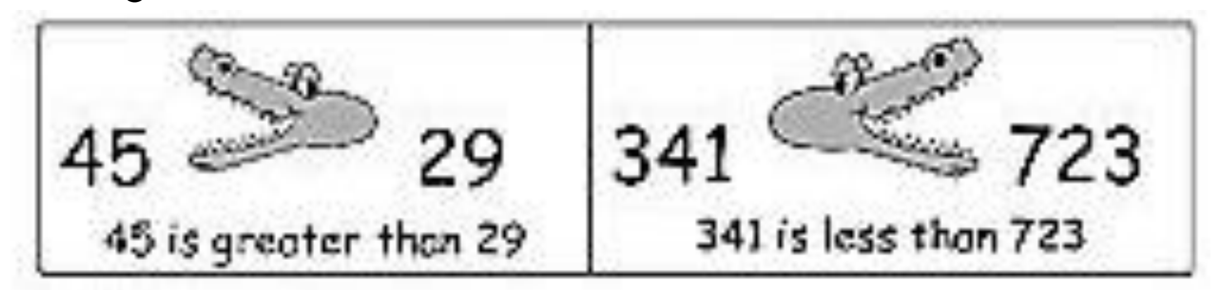
c)409 : ……………………………   d) 874 : ………………………..

6- <u>Write the *value* of the underlined digit of each of the following:</u>

a)6<u>5</u>8 : ……………………………..   b) 21<u>3</u>: …………………………

c)99<u>0</u> : ……………………………   d) <u>7</u>81 : ………………………..

Comparing between 2-digit numbers



1- <u>Put the suitable sign (< , > , =):</u>

a)254 ☐ 564   b) 124 ☐ 546

c)758 ☐ 778   d)801 ☐ 8 tens

e) 456 ☐ 456   f) 5 hundreds ☐ 498

2- Underline the greatest number :

a) 625 , 265 b) 230 , 302 c) 940 , 904

3- Underline the smallest number :

b) 877 , 778 b) 891 , 981 c) 600 , 499

4- Complete:

a) The greatest 3- digit number is ……………………….

b) The least 3- digit number is ……………………….

c) The greatest 3-different digit number is ……………………….

d) The least 3-different digit number is ……………………….

5- Put (< , > , =) :

a) 400 + 50 + 9 600 + 40 + 5

b) 700 + 40 + 4 40 + 700 + 4

c) The value of digit 8 in 786 The value of digit 4 in 432

d) 800 +90 + 8 9 hundreds , 2 tens , 9 ones

6- <u>Arrange the following numbers from greatest to the least :</u>

a) 197 , 79 , 97 , 791

The order : ……………….. , ………………. , ………………… , ………………….

b) 133 , 387 , 38 , three hundreds.

The order : ……………….. , ………………. , ………………… , ………………….

c) 40 , 432 , 14 , 411.

The order : ……………….. , ………………. , ………………… , ………………….

7- <u>Arrange the following numbers from the least to greatest :</u>

a) 252 , twenty-five , 5 , 521

The order : ……………….. , ………………. , ………………… , ………………….

b) 797 , 737 , 335 , 37

The order : ……………….. , ………………. , ………………… , ………………….

c) 910 , 91 , 9 , nine hundreds.

The order : ……………….. , ………………. , ………………… , ………………….

8- Choose the suitable number to fill in the space :

764 , 387 , 100 , 108 , 916 , 400

a)916 = …………… b)761 < ………….. c) 118 > ……………

d) 108 = ………. e) 387 = ………….. f)428 > …………

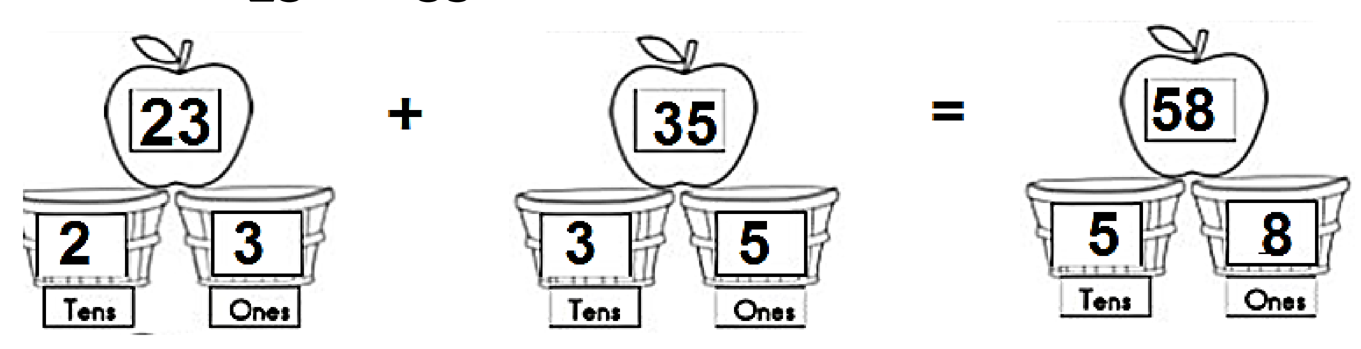
Addition without regrouping

Remember :

To 9 + 6 We start with the bigger number 9 and count on the smaller number 6 then reach **15 .**

Add :

23 + 35 =

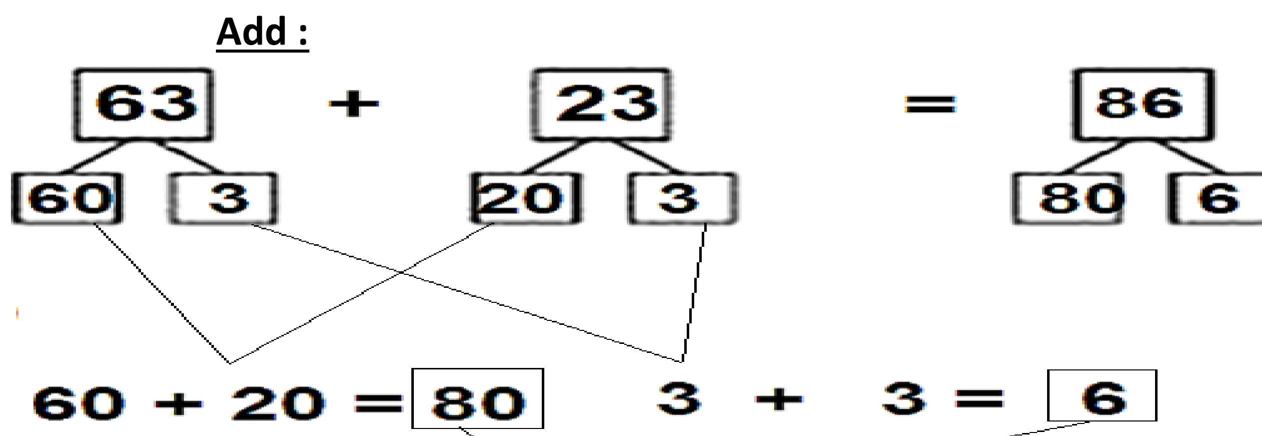


We add Ones together then Tens together

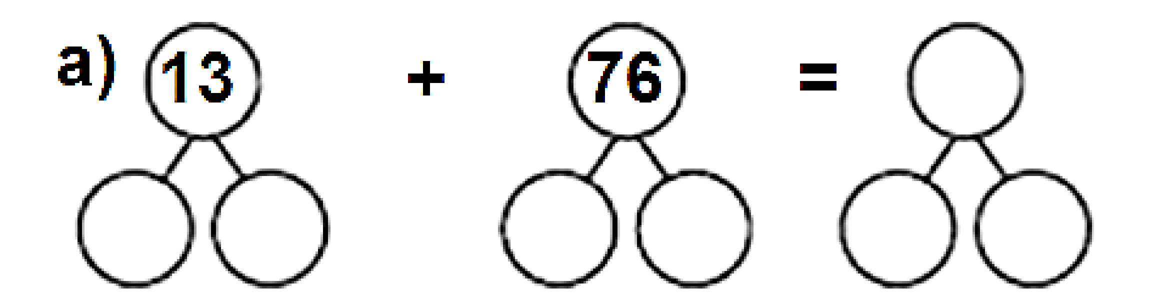
Ones : 5 + 3 = 8 Tens : 2 + 3 = 5

Then the answer is 58

Add :



80 + 6 = 86



b) 62 + 26 =

c) 34 + 15 =

d) 58 + 20 =

1- **Add :**

	Tens	Ones
	4	2
+	5	6

	Tens	Ones
	4	2
+	3	5

	Tens	Ones
	4	2
+	4	3

	Tens	Ones
	2	5
+	3	2

	Tens	Ones
	3	4
+	3	5

	Tens	Ones
	5	2
+	3	3

2- Add :

28 + 61	24 + 35	25 + 41
…………	……….	……….

42 + 30	75 + 21	45 + 13
……….	……….	……….

3- Find the result :

a) 25 + 13 = ……………………

b) 79 + 20 = …………………..

c) 23 + 14 = …………………..

d) 36+ 63 = ……………………

e) 40 + 19 = ………………..

f) 22 +36 = …………………..

g) 28 + 31 = …………………..

h) 50 + 30 = ………………..

Using estimation strategy in addition

Example : 18 + 52

We find that **20** is close to 18 , and **50** is close to 52

Then the estimation of 52 + 18 is 20 + 50 = 70

1	2	3	4	5	6	7	8	9	10
11	12	13	14	15	16	17	18	19	(20)
21	22	23	24	25	26	27	28	29	30
31	32	33	34	35	36	37	38	39	40
41	42	43	44	45	46	47	48	49	(50)
51	52	53	54	55	56	57	58	59	60
61	62	63	64	65	66	67	68	69	70
71	72	73	74	75	76	77	78	79	80
81	82	83	84	85	86	87	88	89	90
91	92	93	94	95	96	97	98	99	100
101	102	103	104	105	106	107	108	109	110
111	112	113	114	115	116	117	118	119	120

1- look at the charts and estimate the addition:

Ex. 39 + 21 = **50**

39 is close to 40

21 is close to 20

The estimation is

40 + 20 = 60

a) 28 + 17 = ………. + ………… = …………

b) 44 + 19 = ………. + ………… = …………

c) 57 + 29 = ………. + ………… = …………

d) 67 + 13 = ………. + ………… = …………

2- <u>Estimate the addition:</u>

a) 32 + 41 = 30 + 40 = **70**

e)73 + 13 = ……… + ………. = …………

b) 54 + 43 = ……… + ………. = ………

f) 31 + 23 = ……… + ………. = …………

c) 33 + 14 = ……… + …….. = ……….

g) 81 + 11 =……… + ………. = …………

d) 62 + 26 = ….. + ………. = …………

h) 25 + 41 = ……… + ………. = ………..

3- <u>Choose the correct estimation :</u>

a) 32 + 24 = ………….. (50 , 30 , 20)

b) 23 + 11 = ………….. (10 , 20 , 30)

c) 53 + 13 = ………….. (40 , 60 , 80)

d) 63 + 24 = ………….. (10 , 70 , 80)

e) 73 + 21= ………….. (90 , 60 , 30)

f) 30 + 40 = ………….. (50 , 70 , 90)

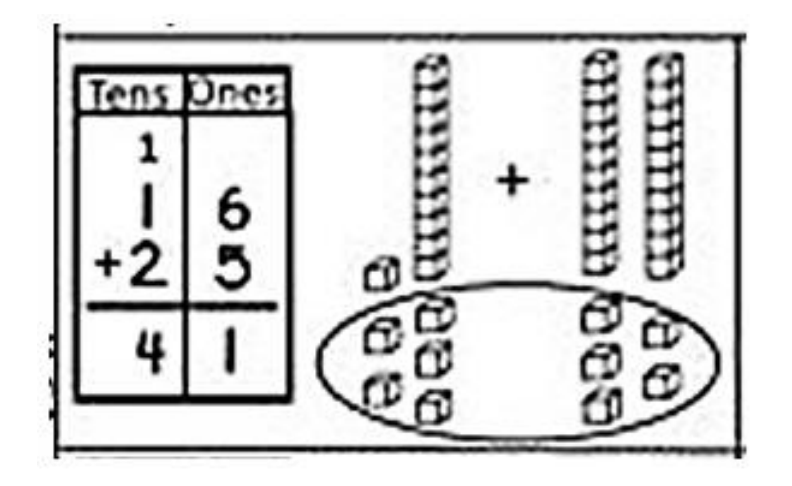
g) 14 + 81 = ………….. (90 , 60 , 40)

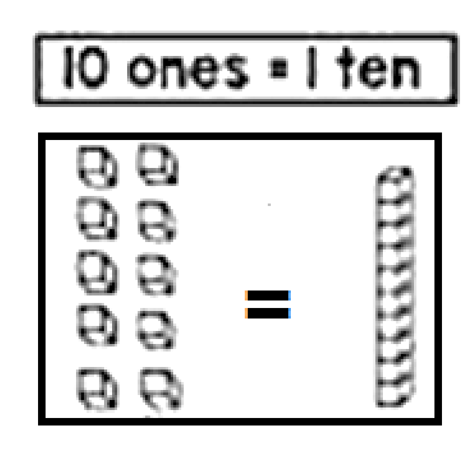
h) 23 + 34 = ………… (20 , 50 , 70)



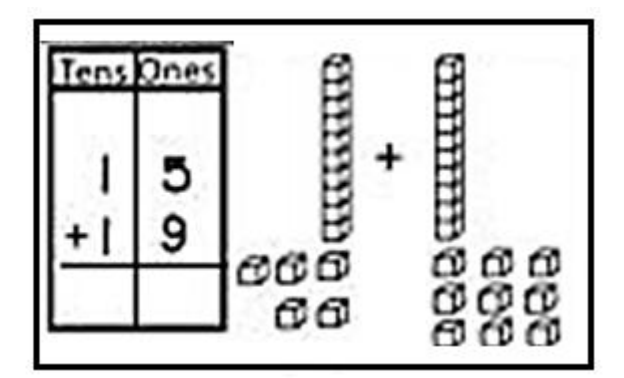
Ex.

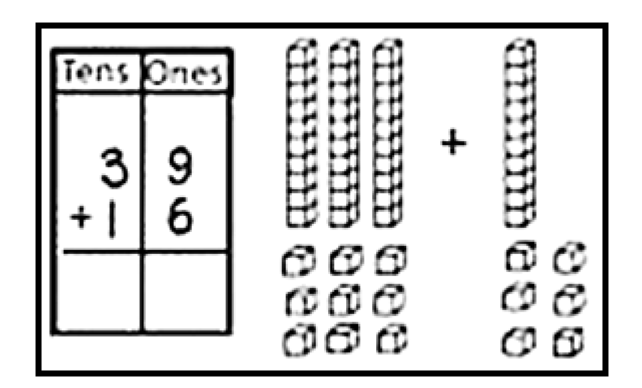
Add :   16 + 25

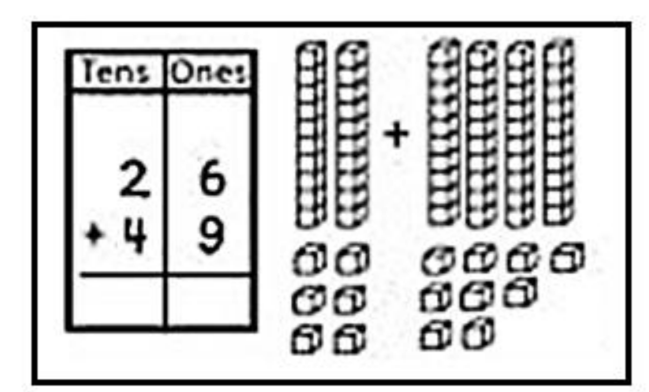


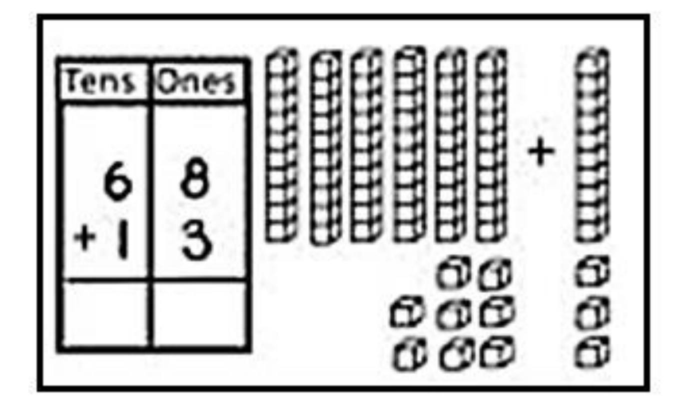


1- Add





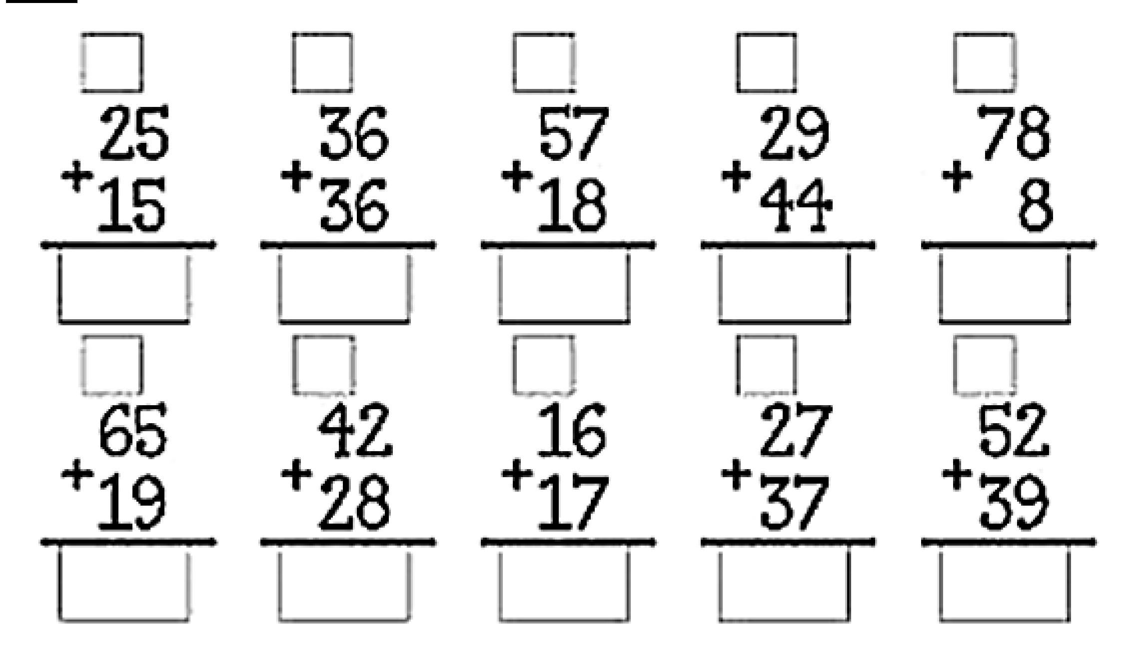




2- **Add**

37 + 25	35 + 19	85 + 15	27 + 13	75 + 16
49 + 11	64 + 18	44 + 16	28 + 02	18 + 17
19 + 17	46 + 34	15 + 36	45 + 09	45 + 45

3- **Add** :



4- **Find the result :**

18 + 65 = ...	95 + 48 = ...	25 + 75 = ...	58 + 68 = ...
46 + 67 = ...	89 + 98 = ...	96 + 58 = ...	89 + 22 = ...
17 + 17 = ...	27 + 35 = ...	48 + 33 = ...	29 + 93 = ...

Draft

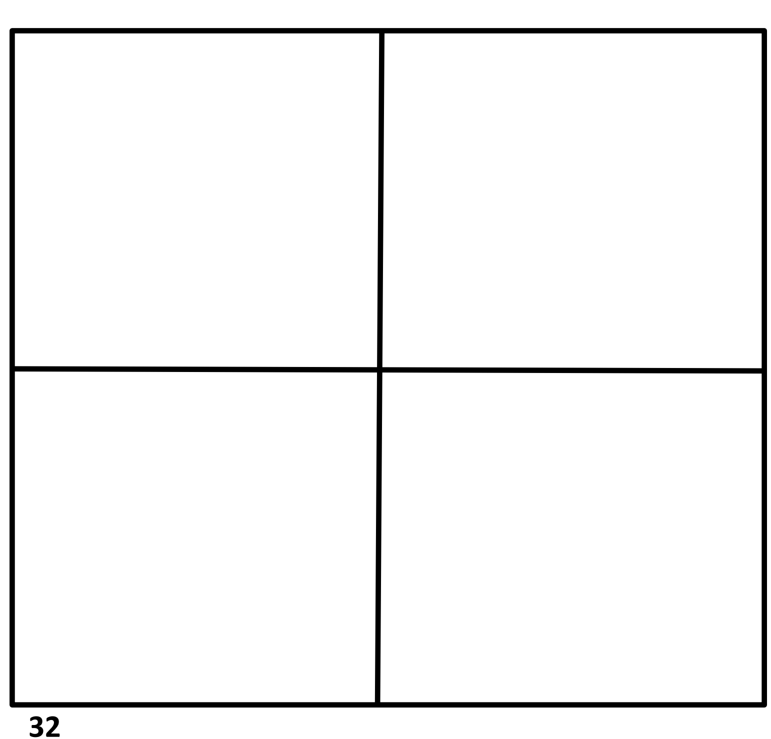
5- **Find the result :**

a) 47 + 23 = ...

b) 82 + 9 = ...

c) 55 + 17 = ...

d) 94 + 6 = ...



Adding 4 numbers

Ex.

25 + 14 + 35 + 17

25 + 14 + 35 + 17

25 + 14 = 39 | 35 + 17 = 52

39 + 52 = 91

1- Find the result :

a) 13 + 17 + 22 + 29 = ...

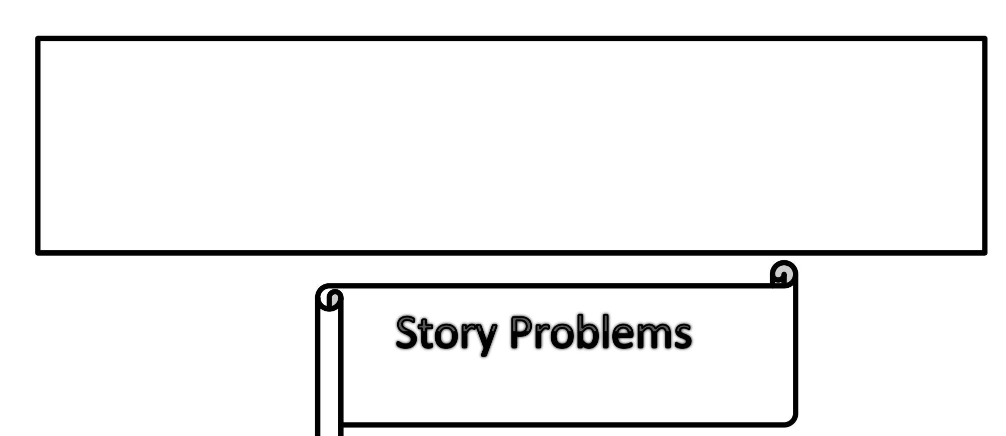
b) 23 + 17 + 12 + 36 = ...

c) 8 + 13 + 35 + 40 = ...

d) 18 + 15 + 19 + 22 = ……………



e) 14 +18 + 17 + 16 = ……………



Story Problems

<u>Key words :</u>

Add , sum , total , together , altogether , and , all

1- Omar collect 24 yellow flowers and 35 red flowers . How many flowers did Omar collect all ?

The number of flowers = ………… + ……………. = ……………….. flowers.

2- Ahmed found 68 seashells on the beach , her sister found 21 seashells . How many seashells did they have together?

The number of flowers = …………… + ……………. = ………………. seashells.

3- At a class there are 36 boys , and 24 girls . what is the total number of students ?

The number of flowers = ... + ……………… = ………………. students.

4- Mona has 35 pounds , her father gave her 19 pounds . How many pounds did she have all ?

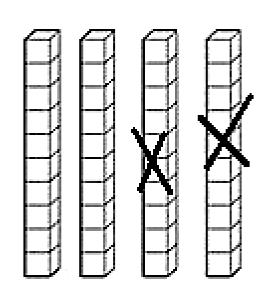
The total money she had = ... + ……………… = ………………. Pounds.

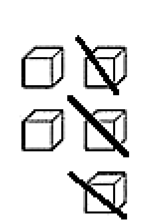
5- A basketball team scored 18 goals in a first round , and 22 goals is the second round . How many goals did the team scored all ?

The total goals = ………………….. + …………………….. = ………………….. Goals.

Subtraction without regrouping

Ex.

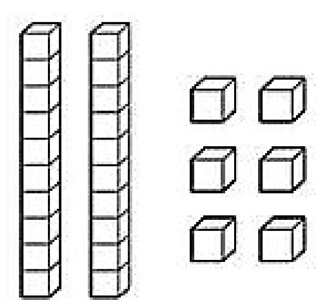




Tens	Ones
4 - 2	5 3
2	2

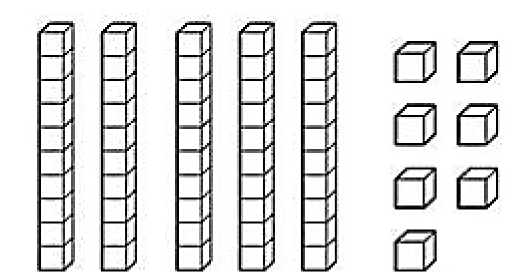
1- **Subtract :**

a)



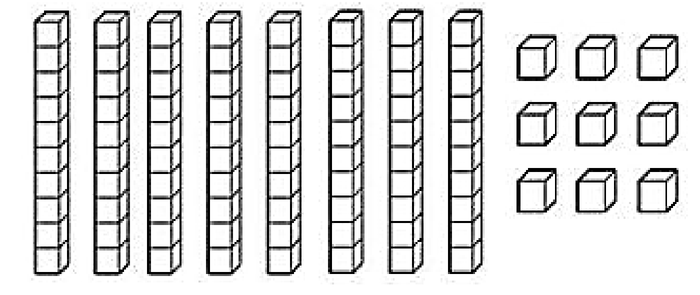
Tens	Ones
2 - 1	6 1

b)



Tens	Ones
5 - 2	7 3

c)



Tens	Ones
8 - 4	9 5

2- **Find the difference :**

97 − 33	89 − 34	86 − 25	38 − 26
....	....	....	....
48 − 25	99 − 32	68 − 45	65 − 33
....	....	....	....
77 − 12	57 − 34	84 − 23	96 − 55
....	....	....	....

3- **Find the difference :**

a) 48 – 12 = ...

b) 27 – 7 = ...

c) 76 – 14 = ...

d) 99 – 66 = ...

Draft

Using estimation strategy in subtraction

<u>To estimate the subtraction of 2 numbers</u> :

1- Decompose the numbers into ones & tens .

2- Subtract the tens place only .

1- <u>Estimate to subtraction :</u>

<u>Ex.</u> 73 – 42 =

70 is close to 73 & 40 is close to 42

The estimation is 70 – 40 = 30

a) 92 – 33 = ………… - ………… = ………………

b) 53 – 14 = ………… - ………… = ………………

c) 84 – 22 = ………… - ………… = ………………

d) 42 – 23 = ………… - ………… = ………………

e) 62 – 31 = ………… - ………… = ………………

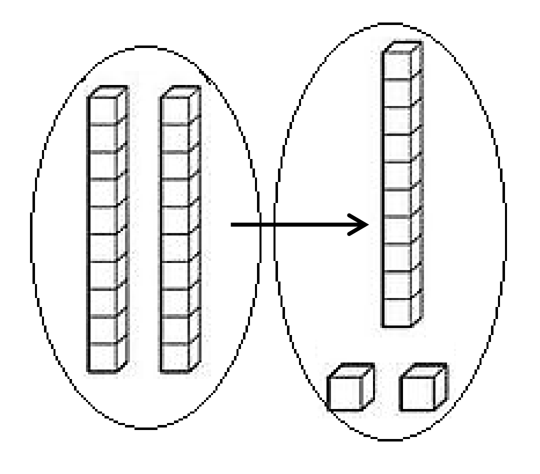
2- <u>Choose the correct estimation :</u>

a) 81 – 13 = …………. (70 , 60 , 30)

b) 52 – 24 =…………. (50 , 40 , 30)

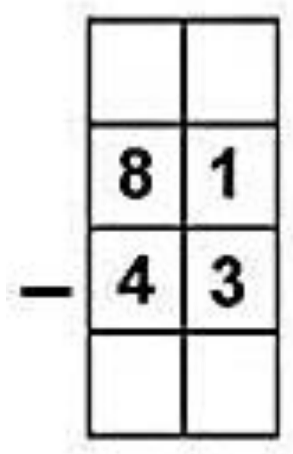
c) 63 – 24 =…………. (80 , 40 , 10)

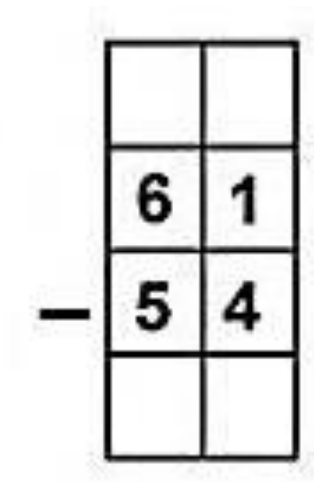
Subtraction with regrouping

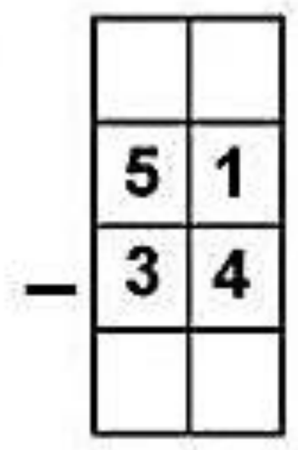


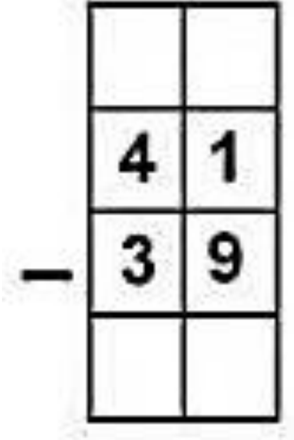
Tens	Ones
2 ~~3~~	12 ~~2~~
2	6
0	6

1- **Subtract :**









	9	1
–	3	5

	7	1
–	3	9

2- Subtract :

63 $-$27 ………	65 $-$16 ………	35 $-$26 ………	47 $-$29 ………
44 $-$26 ………	73 $-$55 ………	74 $-$38 ………	50 $-$26 ………
93 $-$59 ………	66 $-$37 ………	74 $-$28 ………	85 $-$67 ………

3- <u>Subtract :</u>

70	72	98	74	81
− 34	− 38	− 19	− 58	− 16
………	………	………	………	………
75	78	62	70	95
− 49	− 39	− 36	− 24	− 58
………	………	………	………	………
88	85	74	83	84
− 49	− 28	− 26	− 49	− 39
………	………	………	………	………

Story Problems

Key words :

Left , difference , remainder , left , remain

1- Ahmed has 38 pounds , He gave 15 pounds to his sister . How many pounds were left with him ?

The money left = …………………….. - ……………………….. = ………………… Pounds

2- A book with 48 pages . Mona readied 34 pages . How many pages were left ?

The left pages = …………………….. - ……………………….. = ………………… Pages.

3- A class there are 35 students , 15 are boys ,How many girls are there at the class ?

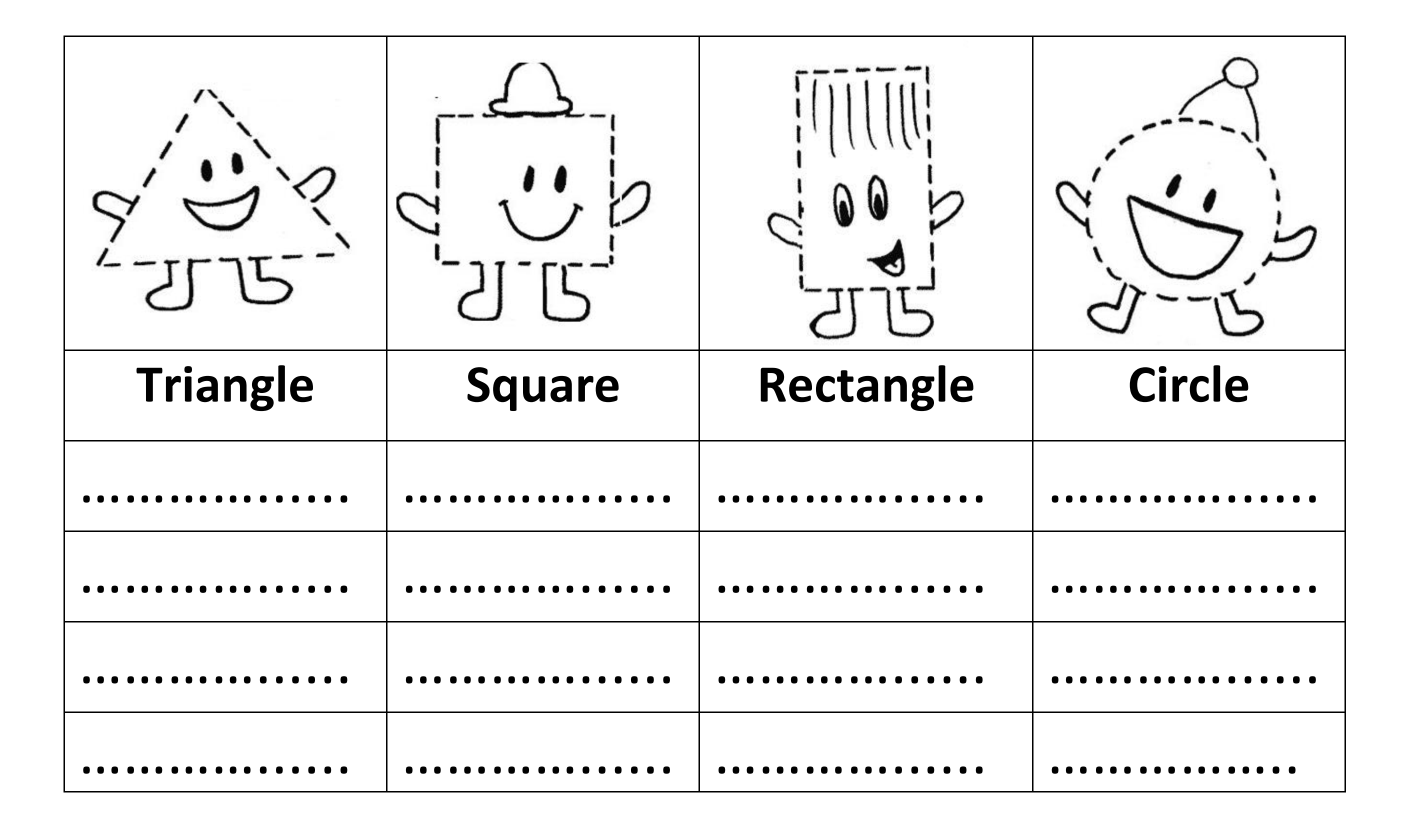
The number of girls = ………………….. - …………………….. = ………………… girls.

4- Omar had 95 pounds he bought a book for 28 pounds . How much reminder with him ?

The remainder = …………………….. - ……………………….. = ………………… pounds.

2D Shapes

(Two dimensional shapes)



Triangle	Square	Rectangle	Circle
....	....	....	....
....	....	....	....
....	....	....	....
....	....	....	....

Trapezoid	Rhombous	Pentagon	Hexagon
....	....	....	....
....	....	....	....
....	....	....	....
....	....	....	....

Square:

Its properties :

4 sides are equal in length & 4 vertices .

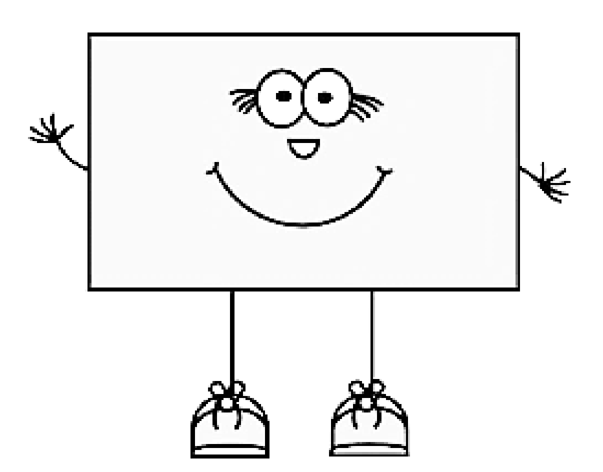
Vertex

Side

Angle

Rectangle:

Its properties :



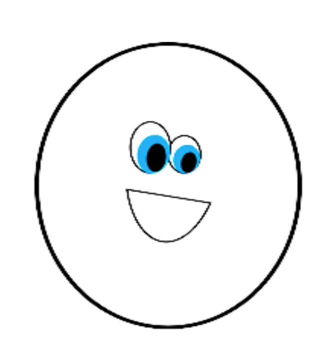
4 sides & 4 vertices .

2 opposite sides are equal.

(2 equal short sides & 2 equal long sides).

Circle:

Its properties :

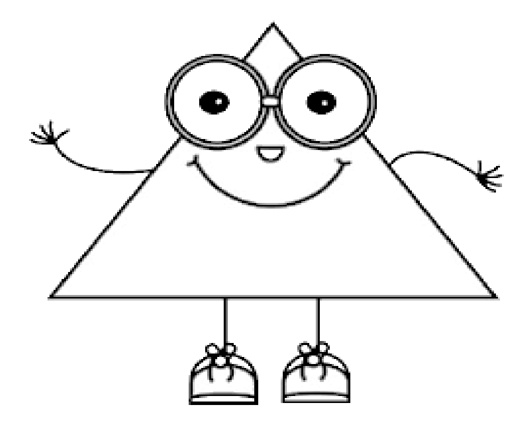


Is a closed curve

Has no sides , no vertices

Triangle

Its properties :



3 sides & 3 vertices .

Trapezoid:

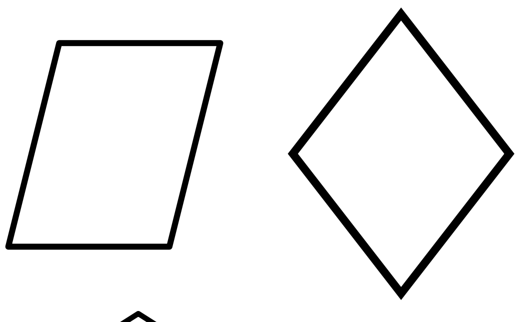


Its properties :

4 sides & 4 vertices .

2 parallel sides & 2 not parallel sides .

Rhombus:

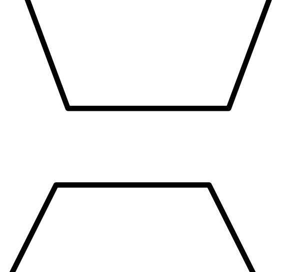


Its properties :

4 sides & 4 vertices .

4 equal sides .

Pentagon:



Its properties :

5 sides & 5 vertices .

Hexagon:

Its properties :

6 sides & 6 vertices .

1) Compete :

a) The shape that has 2 short sides and 2 long sides is called ………………

b) ………………………….. has 4 equal sides .

c) Square has …………………… sides and …………………… vertices.

d)……………………….. is a closed curve.

e) Circle has ………….. vertices.

f) Rectangle has ………….. sides .

g) The shape which has 3 sides & 3 vertices is ………………………..

h) The shape which has zero sides & zero vertices is ………………………

i) A 2D shape which has 6 vertices is…………..……

j) A two dimensional shape with 5 sides is………………………………….

k) The 2D shapes which have 4 sides are ………………………,…………..……………
,………………………., ………………………..

2- Who am I ?

I have 5 sides and 5 vertices ? ……………….

I have 2 parallel sides & 2 not parallel sides? …………………….

I have 6 sides & 6 vertices ? ……………………….

3- Choose :

a) A 2D shape which has 5 sides is……………

(hexagon – square – pentagon - triangle)

b) The shape which has more than 5 sides is called …………

(triangle – square – hexagon – pentagon)

b) The shape which has 4 equal sides is called ………………….

(triangle – rhombus – hexagon - circle)

e) The shape which has 4 vertices is called …………………

(pentagon – trapezoid – triangle - hexagon)

4- Draw a trapezoid with a red colour , a triangle with blue colour , pentagon with green colour :

5- Draw 2D shapes with 4 sides and 4 vertices :

6) Join :

a) Square

b) Triangle

c) Pentagon

d) Hexagon

e) Rectangle

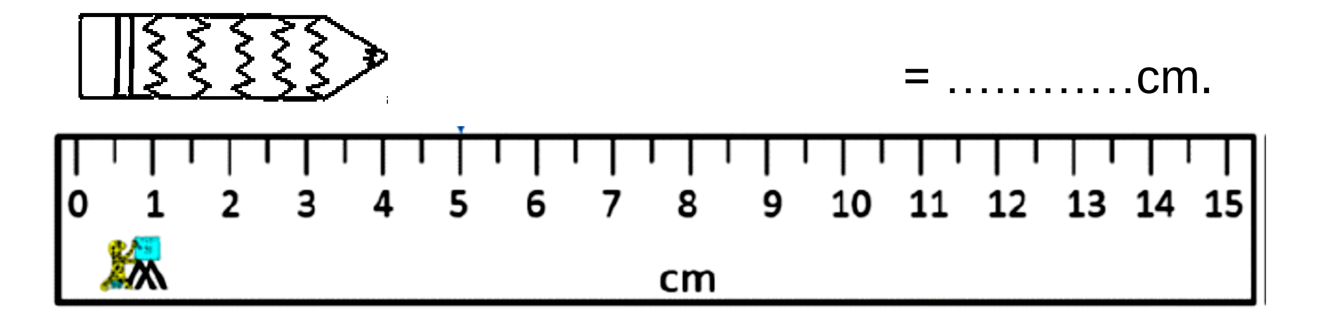
Measuring Length

Length :is the measurement of the length of something from one end to the other.

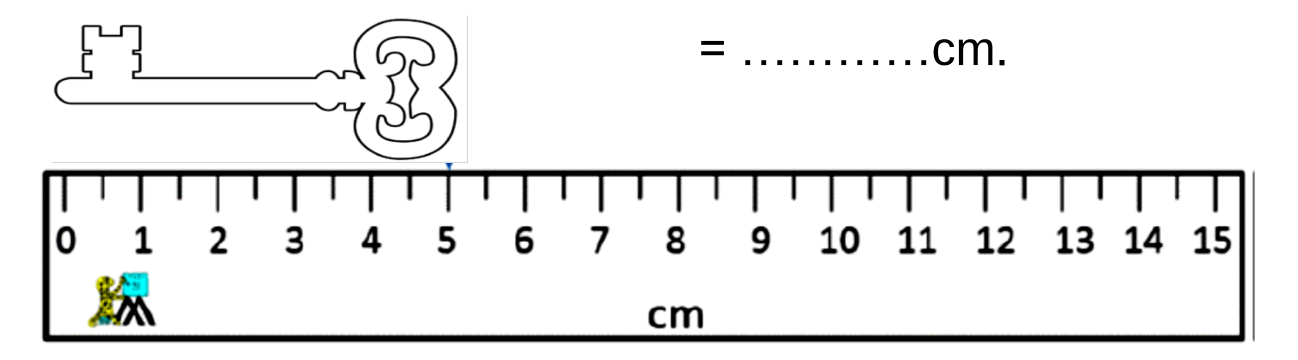
The unit of measuring length is **centimeter (cm.)**

It's used to measure small lengths such as : the length of the pencil or ruler or nail , or key .

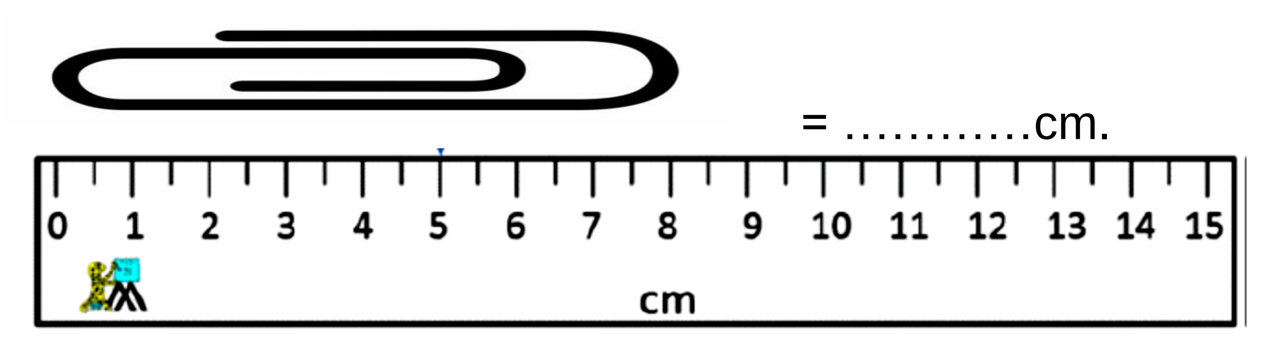
1- **Use the ruler to measure the length of each object in cm.**



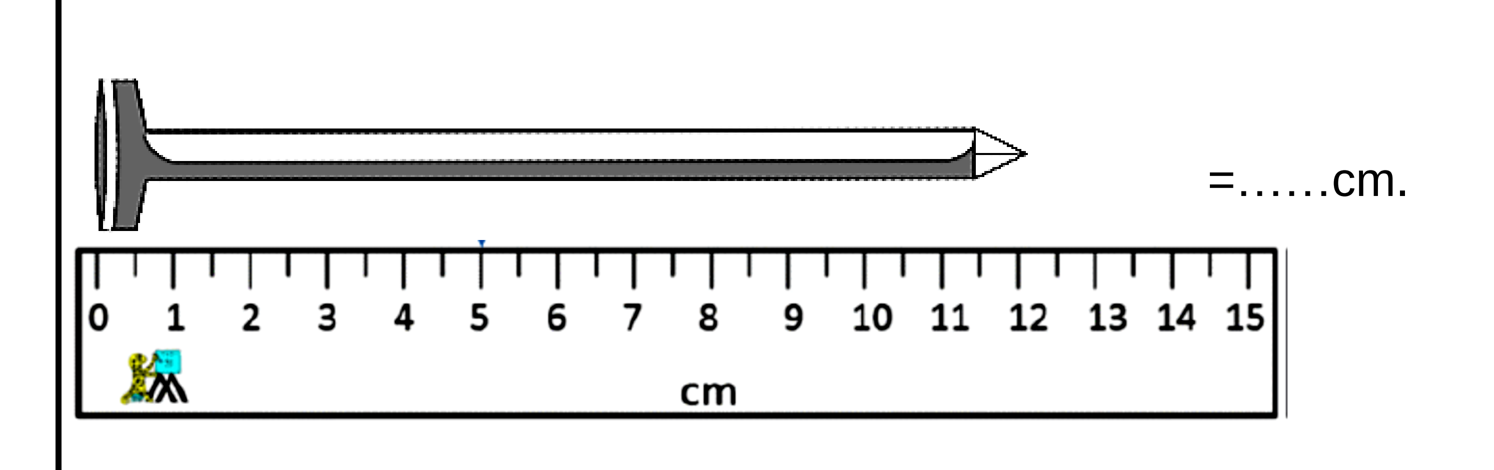
= …………cm.

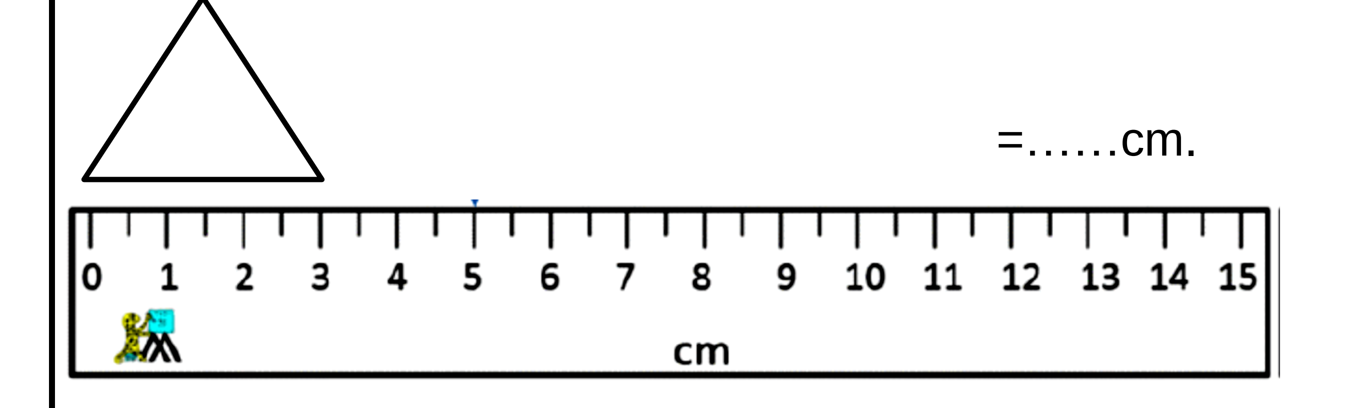


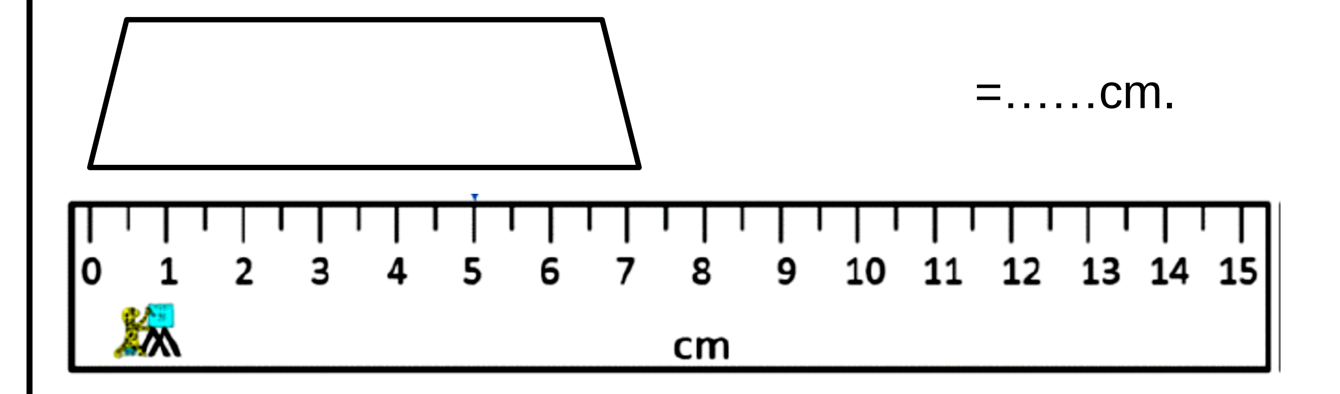
= …………cm.

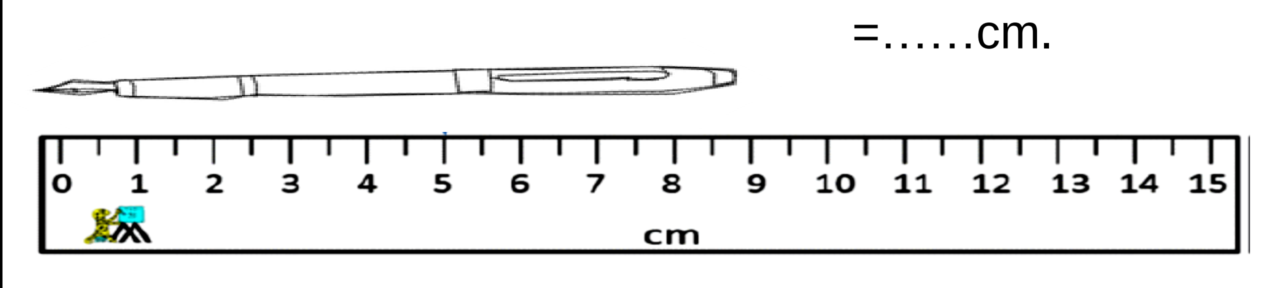


= …………cm.


=……cm.
0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15
cm


=……cm.
0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15
cm


=……cm.
0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15
cm

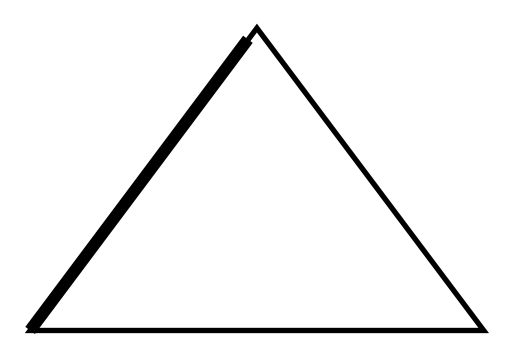

=……cm.
0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15
cm

2- Complete:

a) The unit of measuring length is …………….

b) The tool used to measure side length is ………………………………

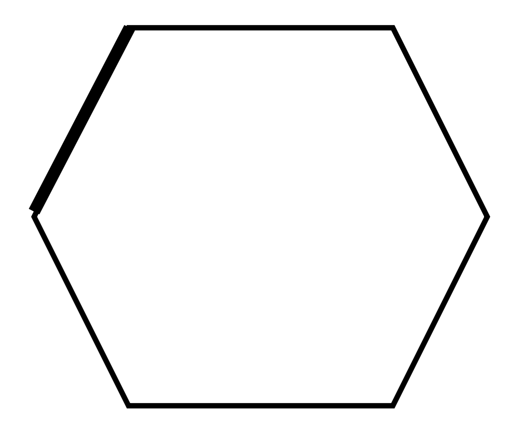
3- Use the ruler to measure the length of each *bold* sides of the following:



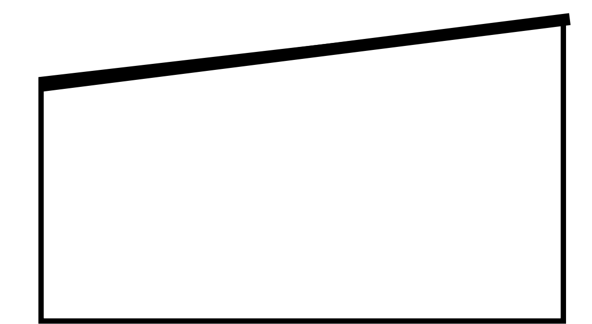
= ………………….. cm.



= ………………….. cm.



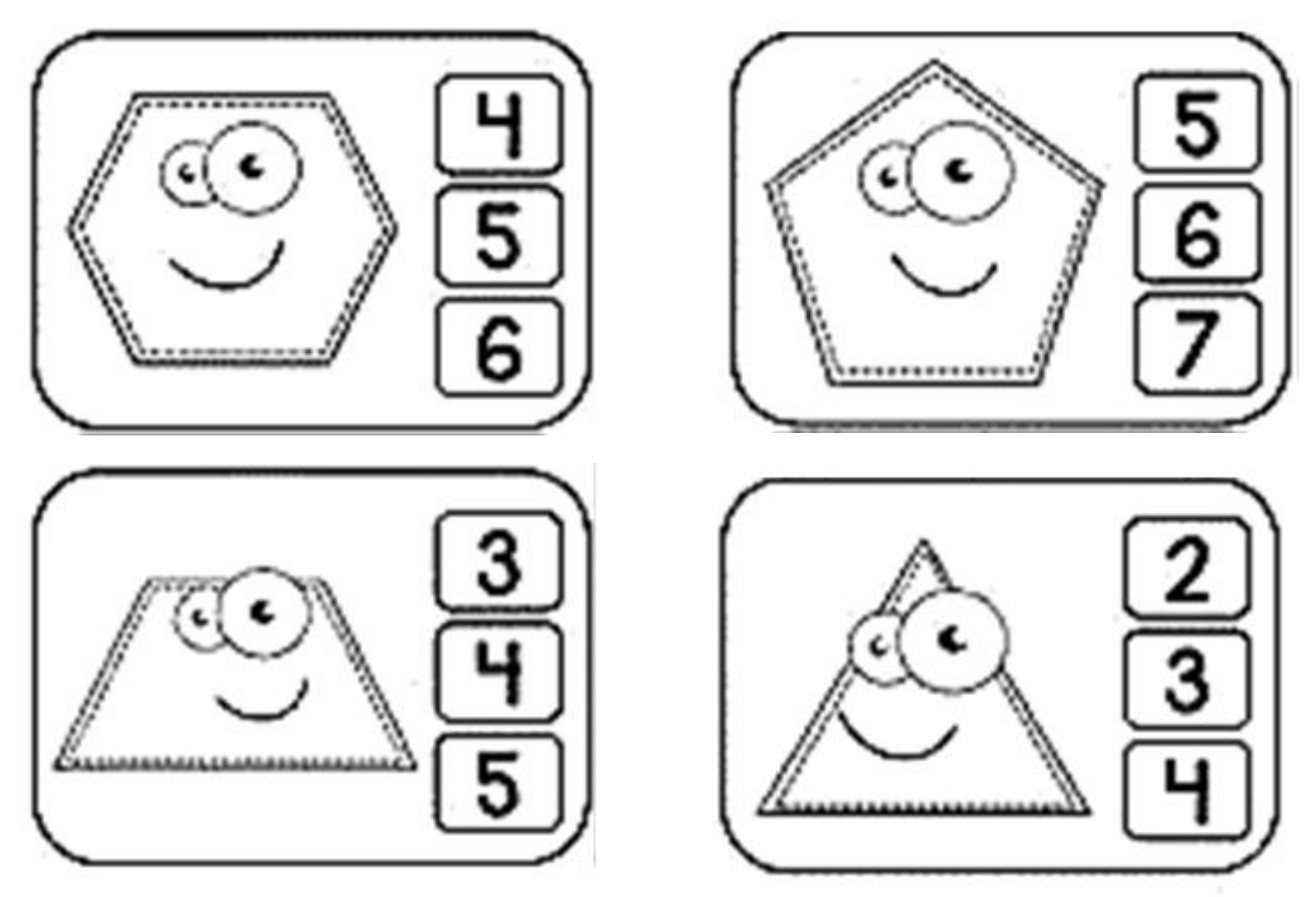
= ………………….. cm.



= ………………….. cm.

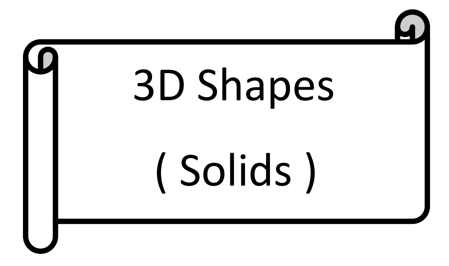
4- **Choose the correct answer :**

(the number of sides of each of the following shapes):



5- **Complete the table :**

Shapes	Number of sides	Number of corners



Cube	Cone	Cylinder
……………………..	……………………..	……………………..
……………………..	……………………..	……………………..
……………………..	……………………..	……………………..
……………………..	……………………..	……………………..

Sphere	Rectangular prism (Cuboid)	Squared -Pyramid
……………………..	……………………..	……………………..
……………………..	……………………..	……………………..
……………………..	……………………..	……………………..
……………………..	……………………..	……………………..

The properties of solids

Cube	**It has :** 6 Faces (in a square shape) 8 Vertices 12 Edges	**Sphere**	**It has :** No faces No edges No vertices
Cylinder	**It has :** 2 Cicular bases	**Cuboid** **Rectangular prism**	**It has :** 6 Faces (in a rectangle shape) 8 Vertices 12 Edges
Cone	**It has :** 1 Cicular base 1 Vertex	**Square based Pyramid**	**It has**: 5 Faces (4 triangularFaces + 1 square base) 5 vertices 8 edges

1)Write the name of the solid :

a) whose faces are all rectangles ? ………………….

b) whose faces are all squares ? …………………….

c) whose faces are all triangles and 1 base as a square? ………………

d) that has 2 circular bases ? …………………….

e) that has 1 circular base and 1 vertex ? …………….

f) that has no faces , no vertices and no edges ?...................

2)Choose the correct answer :

a) The number of cuboid's vertices is ………… (12 , 6 , 8)

b) The cone has ……………… (1 vertex , eight sides , 4 edges)

c) Each face of a cube is ……………… (rectangle , square , triangle)

d) The ………………. Doesn't have edges or vertices , but has 2 circular bases . (sphere , cone , cylinder)

e) the solid whose faces are all rectangle is …………………

(cube , cuboid , pyramid)

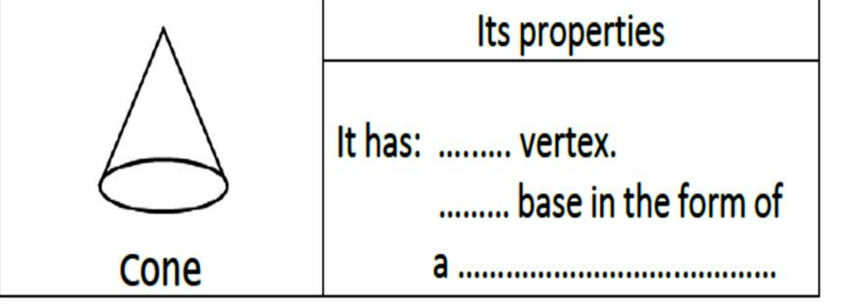
f) The base of the cone is in a form of ……………

(square , circle , triangle)

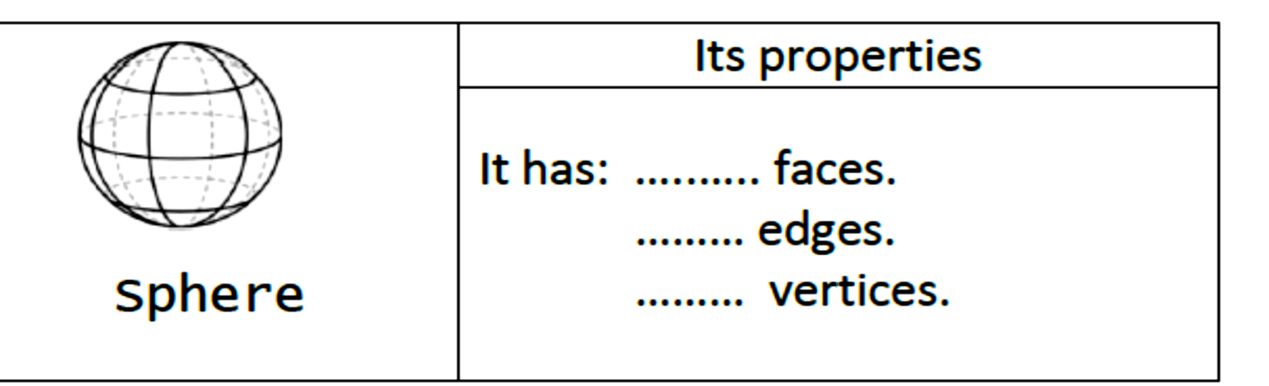
3)Complete

	Number of faces	Number of vertices	Number of edges
Cuboid	------- and each face in the form of a ---------------	-------	-------

	Number of faces	Number of vertices	Number of edges
Cube	------- and each face in the form of a ---------------	-------	-------



Cone	Its properties
	It has: .... vertex. .... base in the form of a ....



Sphere	Its properties
	It has: .... faces. .... edges. .... vertices.

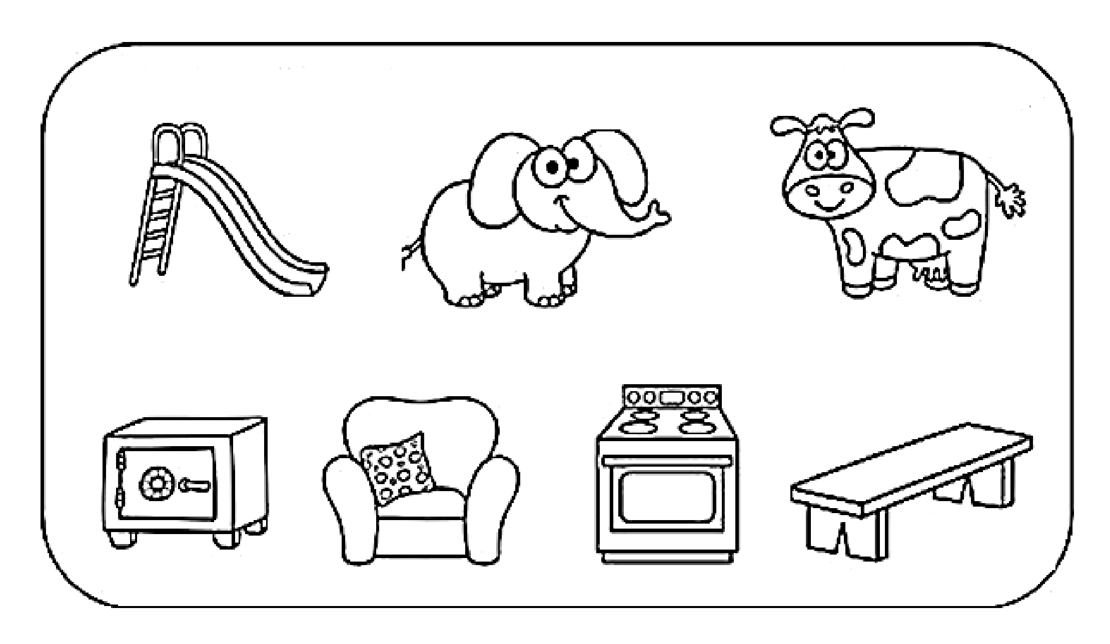
Cylinder	Its properties
	It has: .... vertex. .... bases in the form of a ....

square- based pyramid	Number of faces	Number of vertices	Number of edges
	------ faces + ------ bases. All faces are ---------------	-------	-------

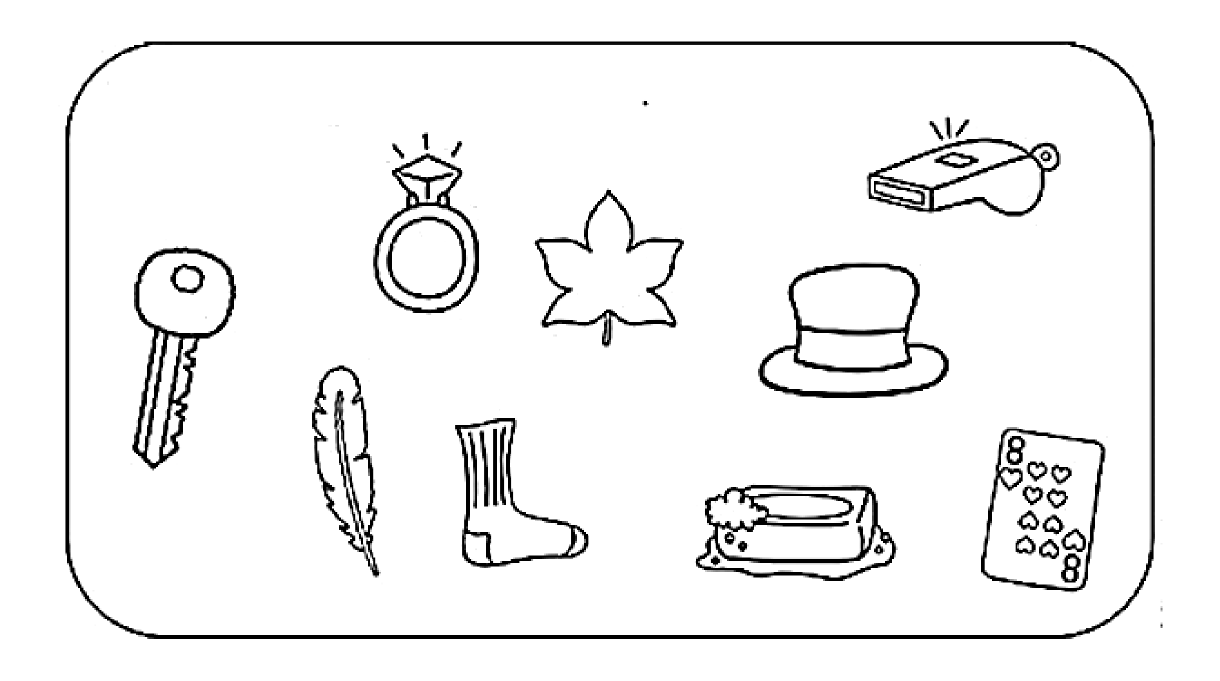
Measurement of mass and weight

Units of measuring weight :

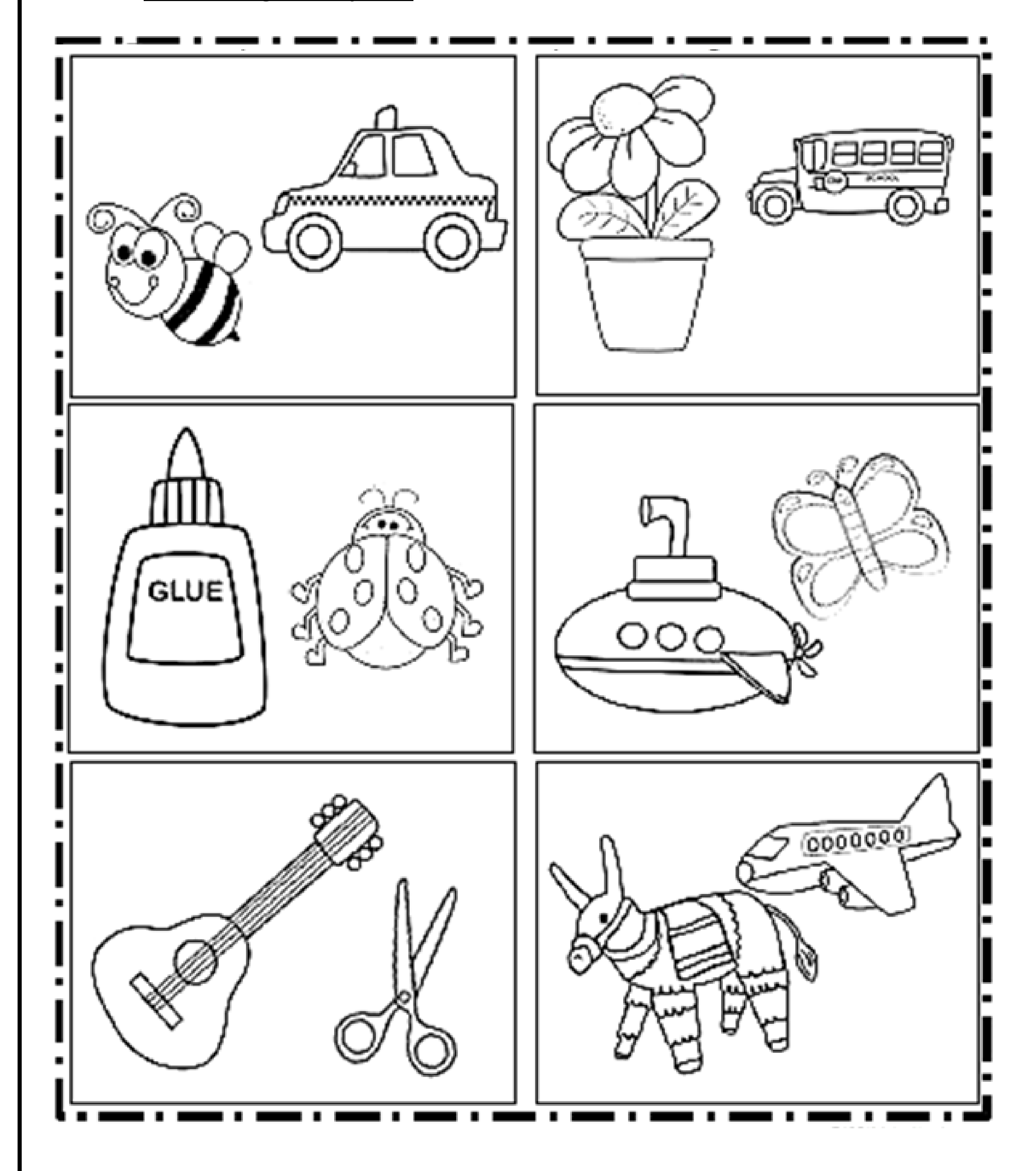
Kilogram (Kg.) : for heavy objects.



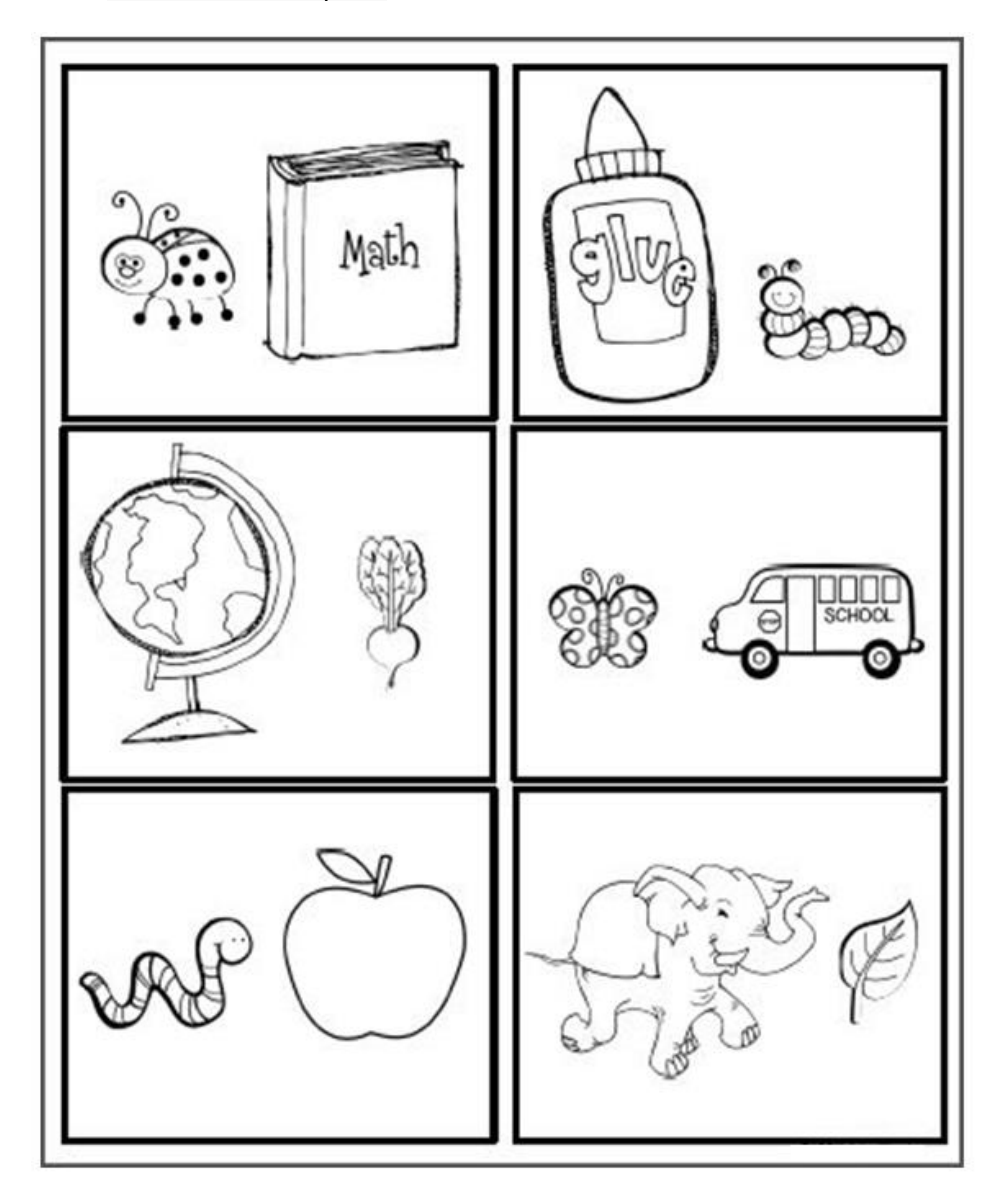
Gram (gm.) : for light objects .



1- **Color the lighter objects :**

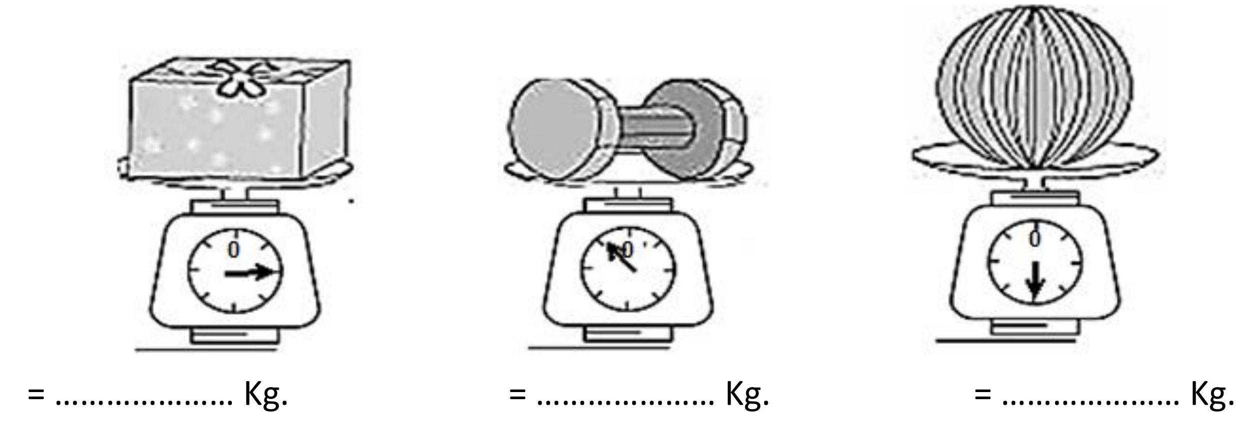


2- Color the heavier objects :

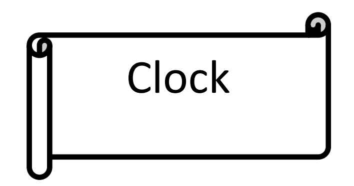


3- <u>Put the suitable sign (< , >) :</u>

4- <u>write the weight of the folowing :</u>



= ………………… Kg. = ………………… Kg. = ………………… Kg.

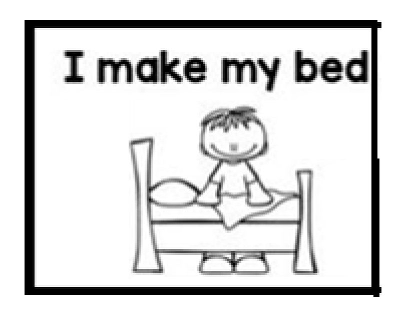


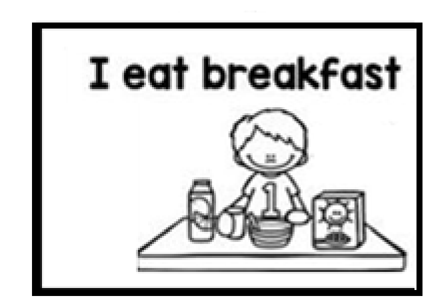
1 day = 24 hours diveded into 2 parts (Am. & Pm.)

First :

Am. Is the morning time from 12 midnight to 12 noon

Exampes :





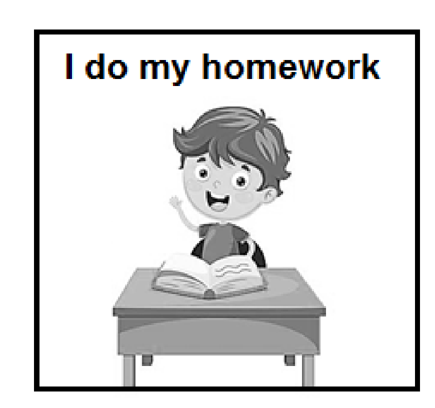


Second :

Pm. Is the afternoon & evening time from 12 noon to 12 midnight

Exampes :

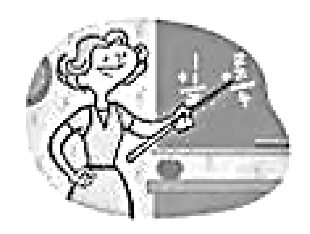






1- **<u>Choose (am. Or pm.)</u>**

Teaching in school



(am. , pm.)

Greet 'Good Morning'



(am. , pm.)



I get up in the morning.

(am. , pm.)



I have lunch

(am. , pm.)



I go to bed

(am. , pm.)

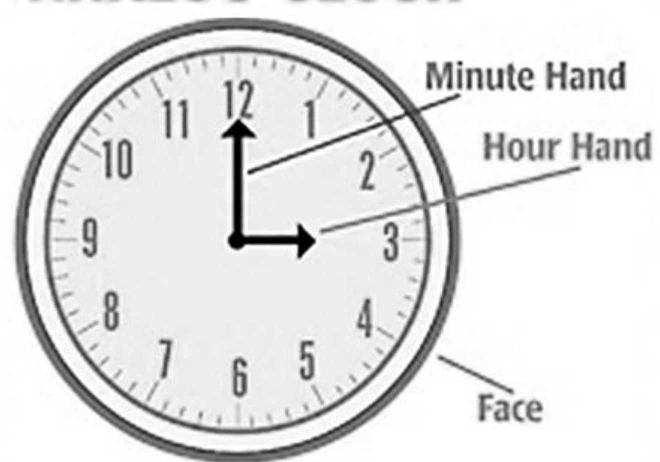


I go to school

(am. , pm.)

Telling time





<u>Tell the time :</u>



It's 5 O'clock
5 : 00



....
.... : ....



....
.... : ....



....
.... : ....



....
.... : ....

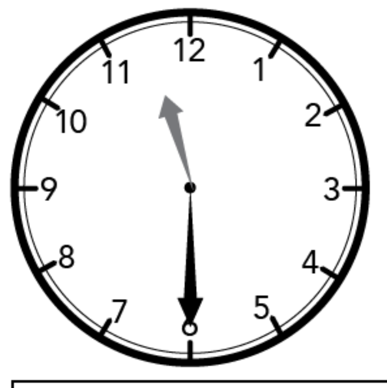


....
.... : ....

The Analog Clock

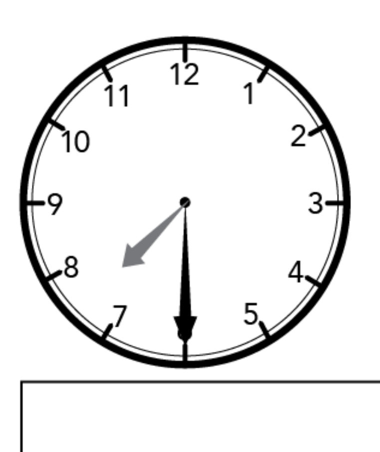
Notes :

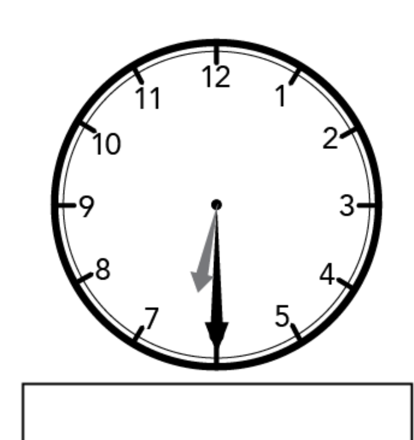
When the long hand on 6 it is read as (Half past ……)

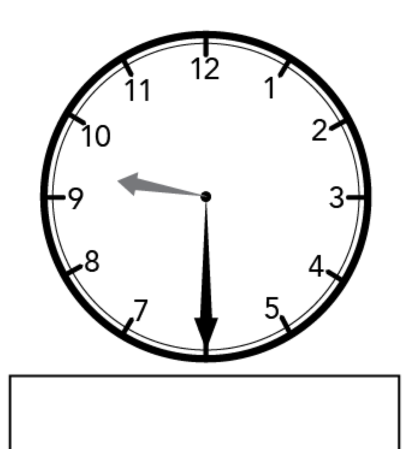


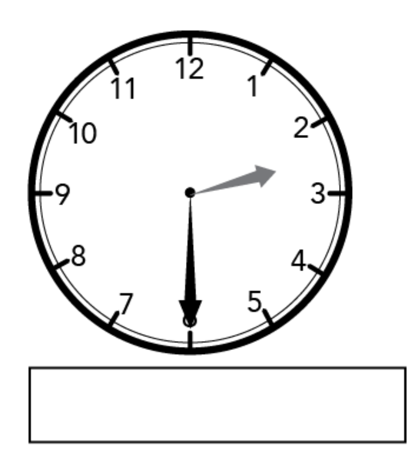
Half past 11

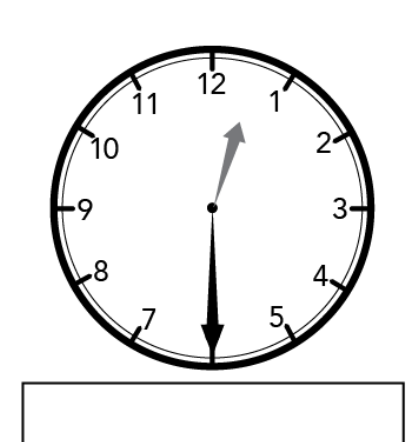
Tell the time :

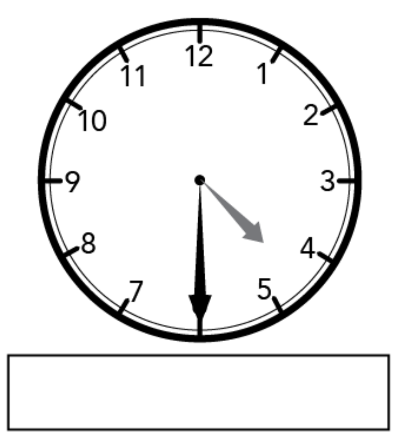












Notes :

When the long hand on 3 it is read as (Quarter past ……)

When the long hand on 9 it is read as (Quarter to ……)

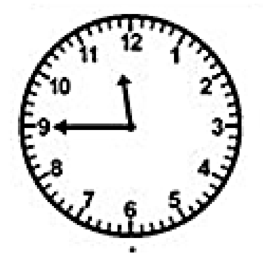


It's quarter to 6

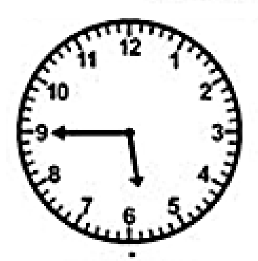


It's quarter past 4

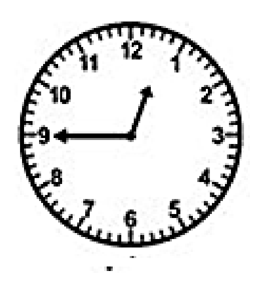
1- **Tell the time :**



....



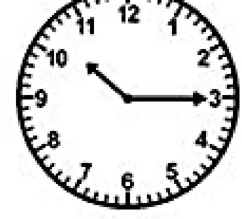
....



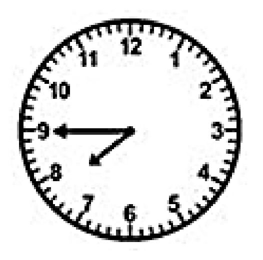
....



....



....

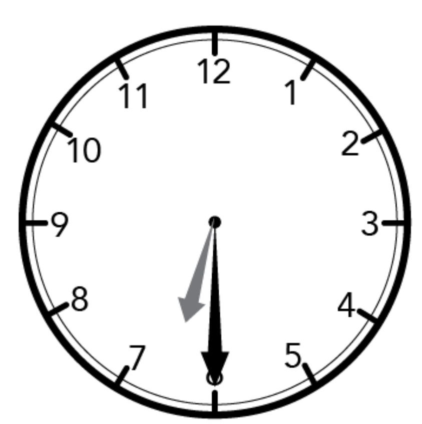


....

The Digital Clock

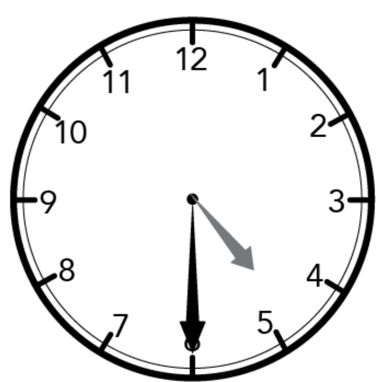
Notes :

When the long hand on 6 the minutes is (……. :   30)



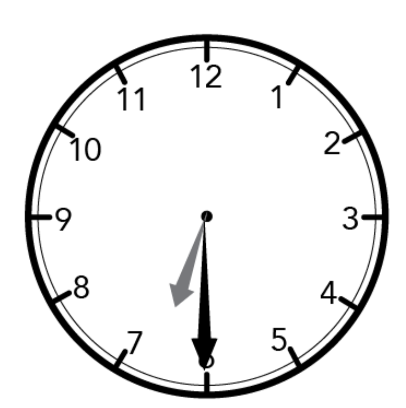
6:30

Tell the time :



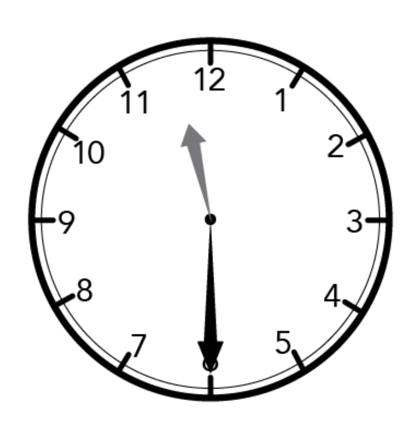
Half past ______

:



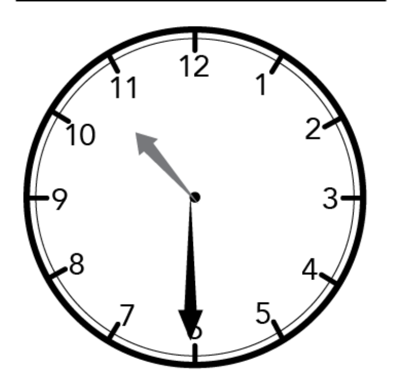
Half past ______

:

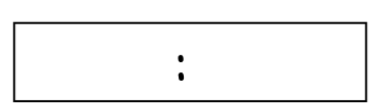


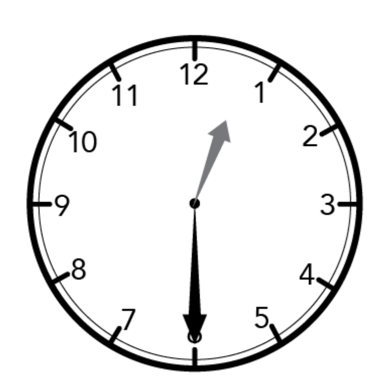
Half past ______

:



Half past ______





Half past ______



Notes :

a) When the long hand on 3 the minutes is (……. :   15)

b) When the long hand on 9 the minutes is (…….. : 45)

Example :



3 : 45



3 : 15

1- **Read the clock (in a digital way) :**



______:______



______:______



______:______



______:______



______:______



______:______



______:______



______:______



______:______

2- <u>Draw the 2 hands :</u>

